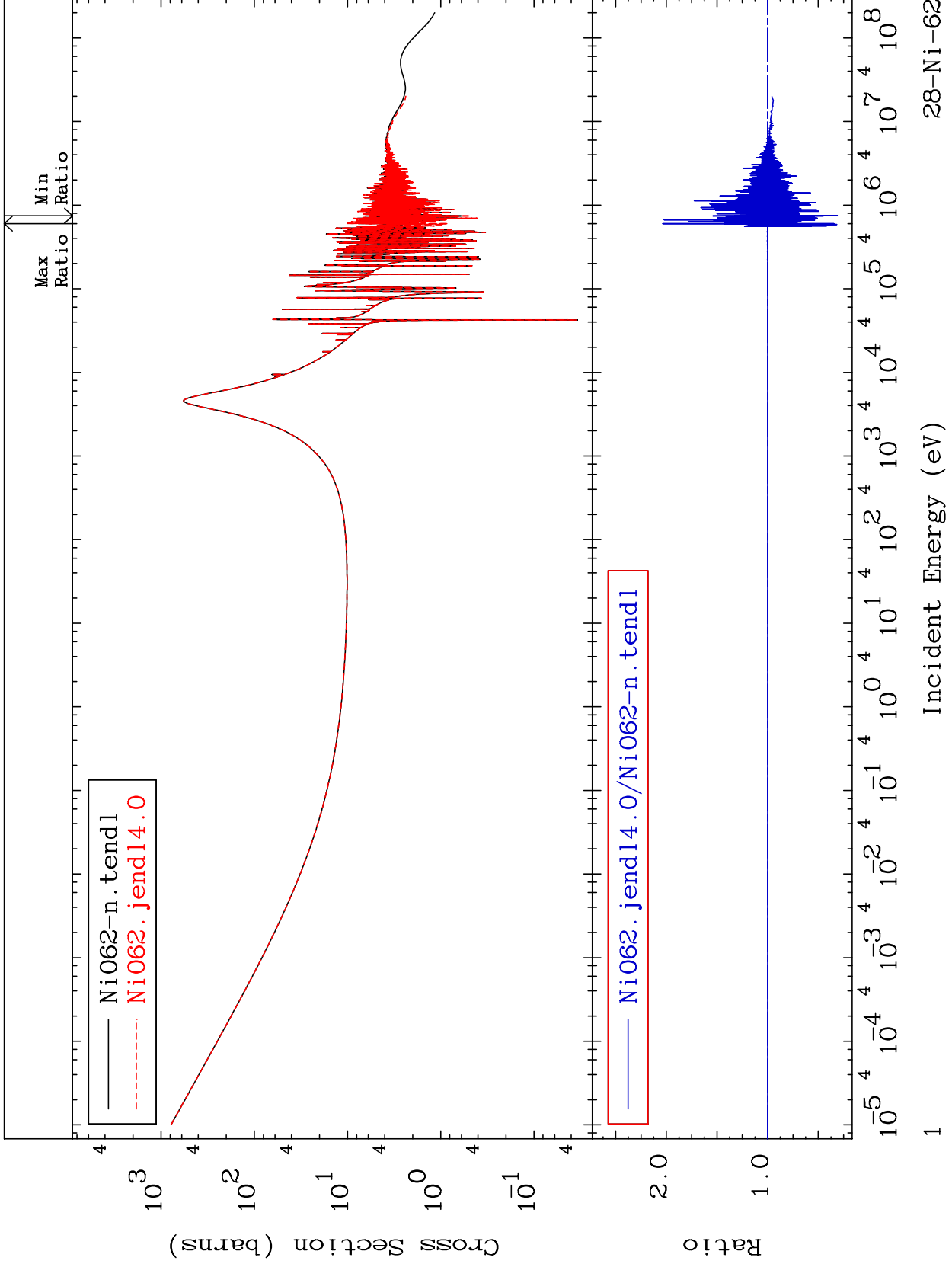


MAT 2837

Total
Cross Section

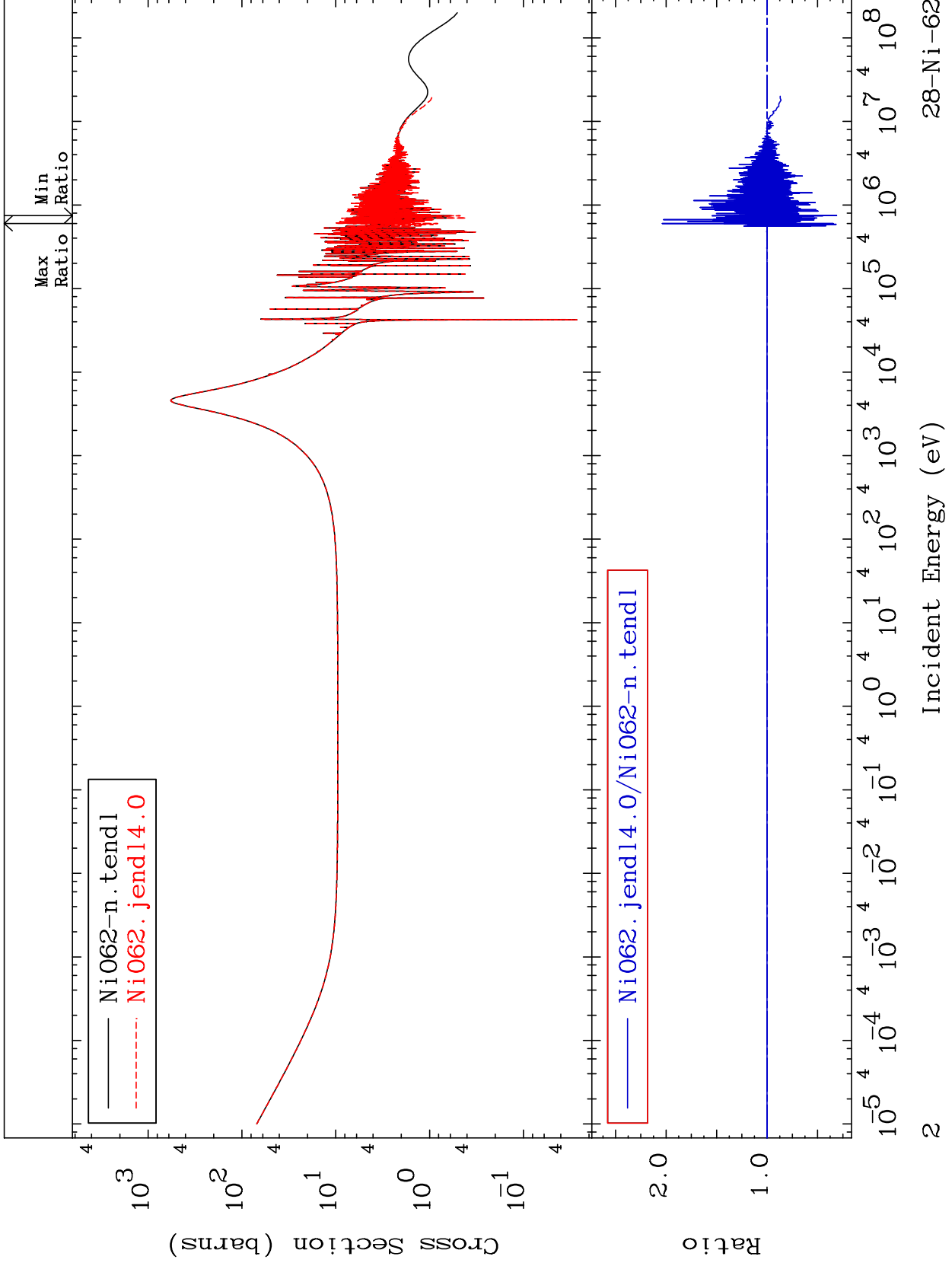
28-Ni-62
-68.76 To 103.5 %



MAT 2837

Elastic
Cross Section

28-Ni-62
-68.84 To 103.7 %



28-Ni-62

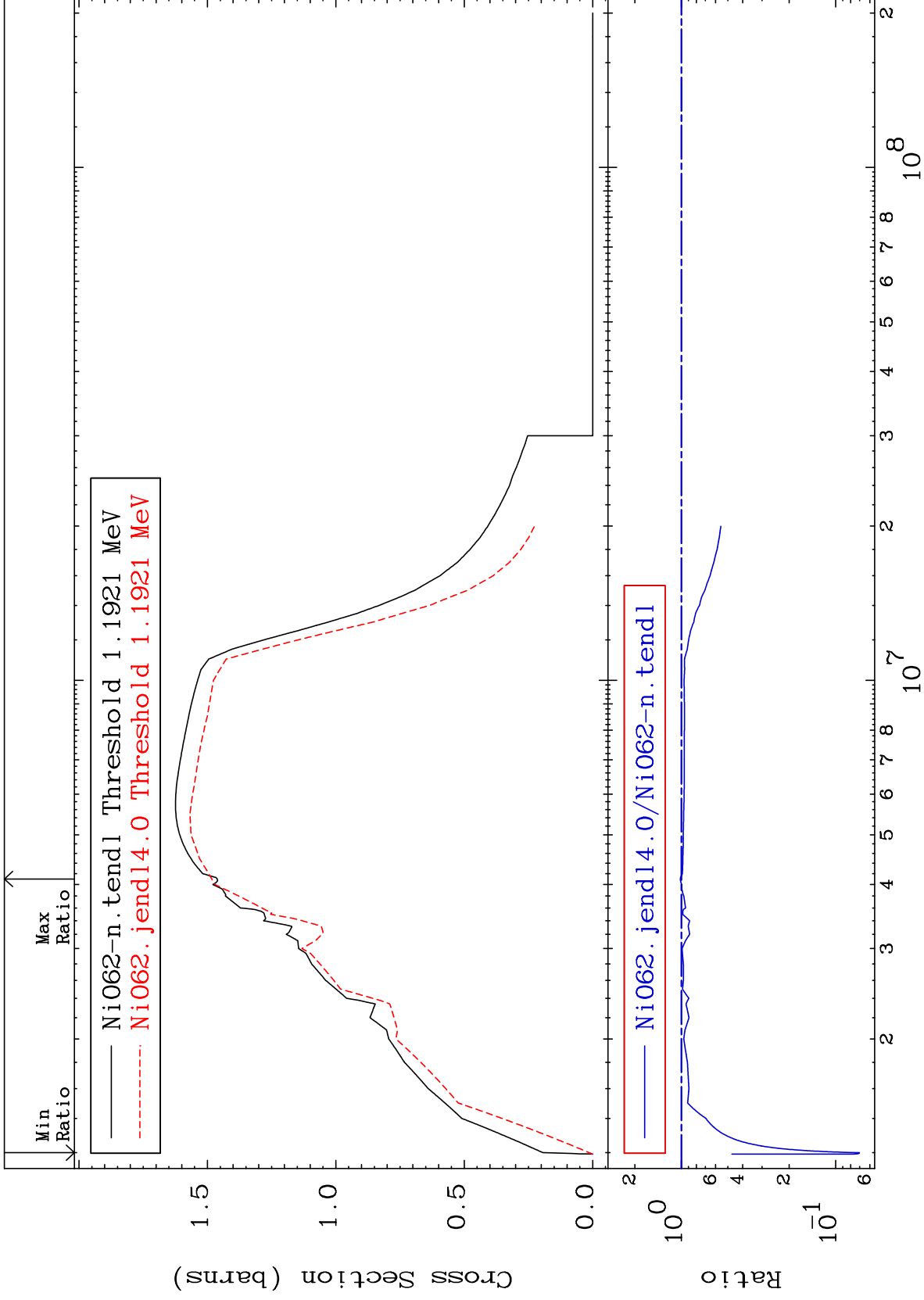
Incident Energy (eV)

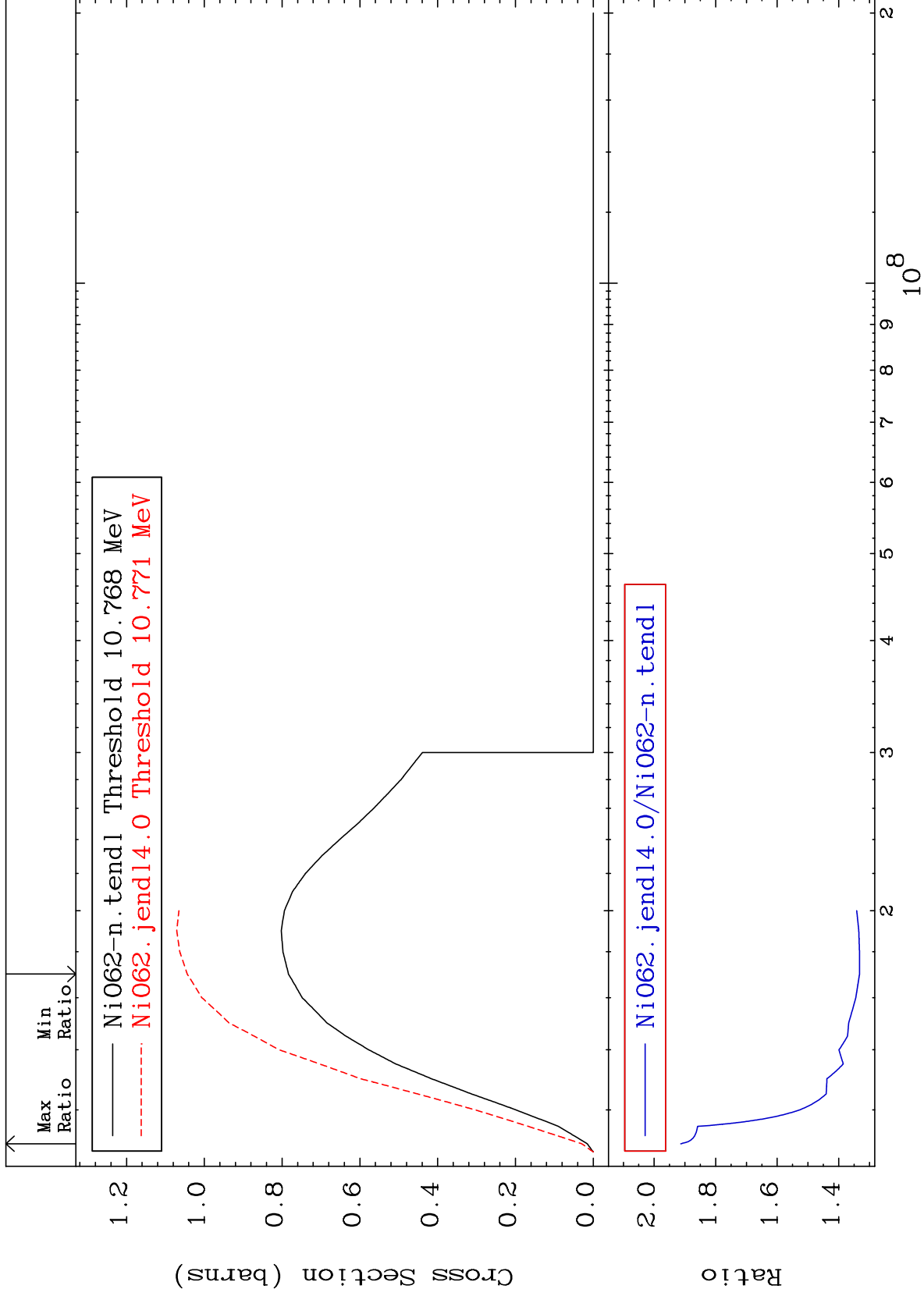
2

MAT 2837

Inelastic
Cross Section

28-Ni-62
-92.99 To 1.457 %

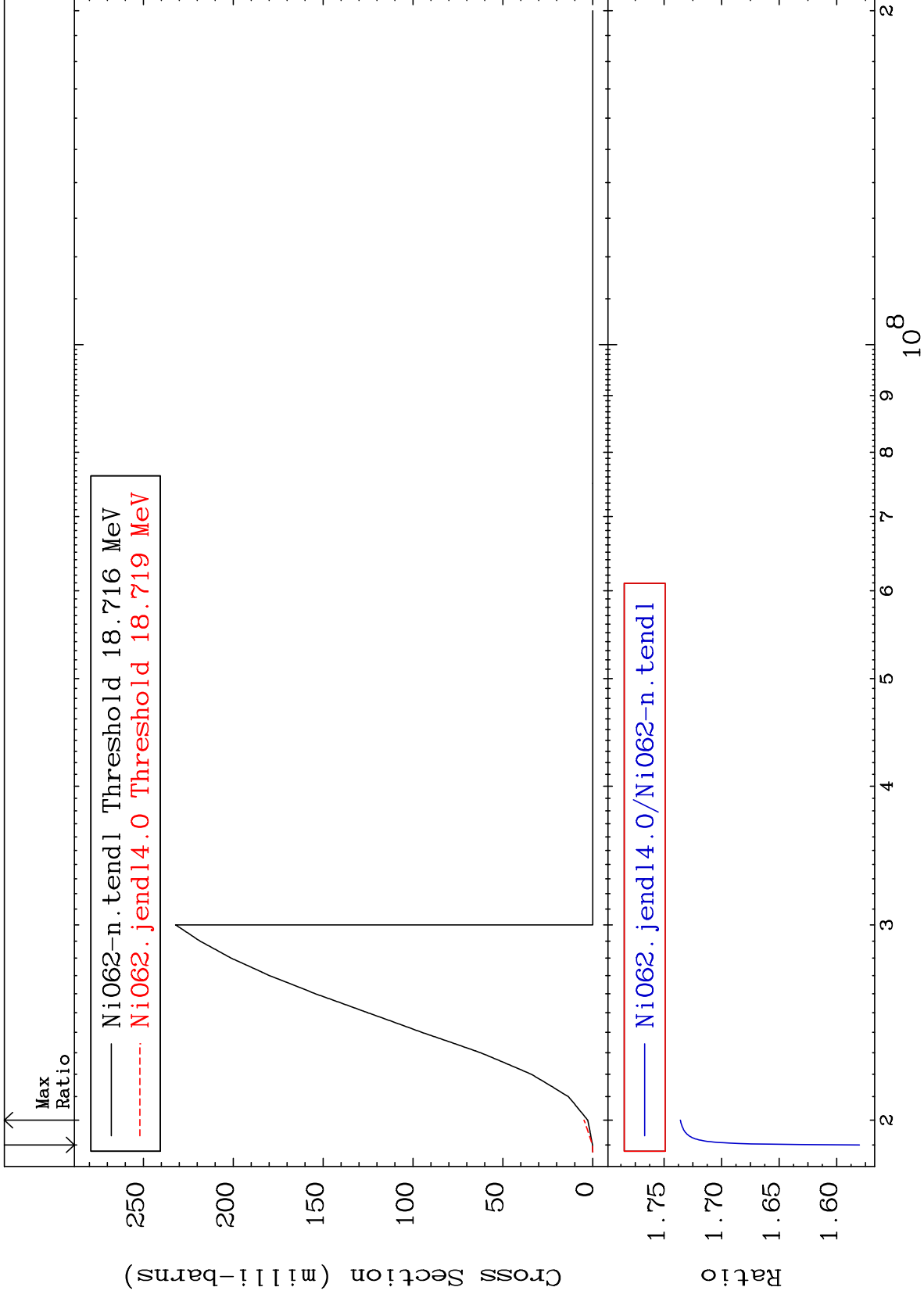




MAT 2837

(n,3n)
Cross Section

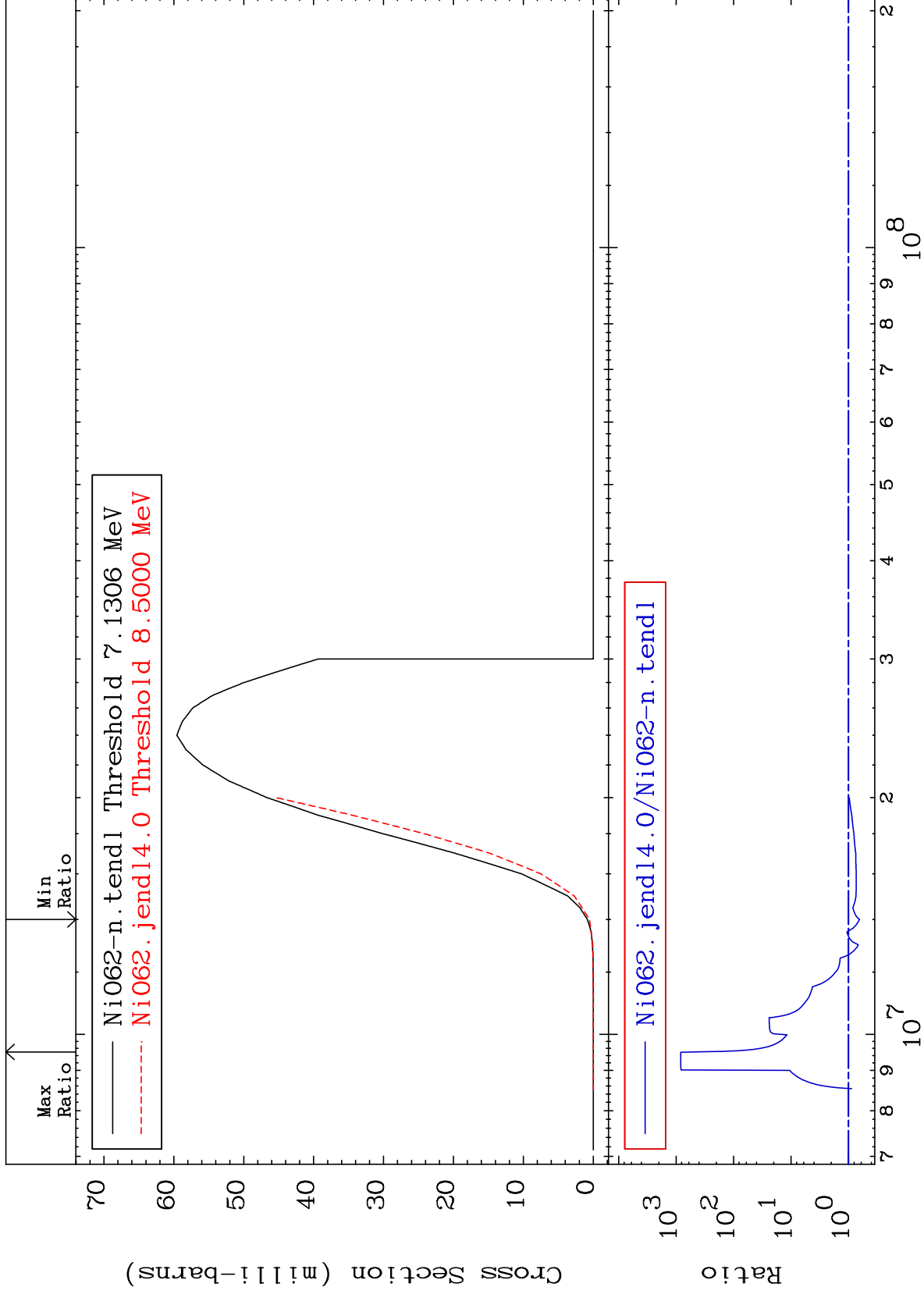
28-Ni-62
58.02 To 73.59 %



MAT 2837

(n,n') α
Cross Section

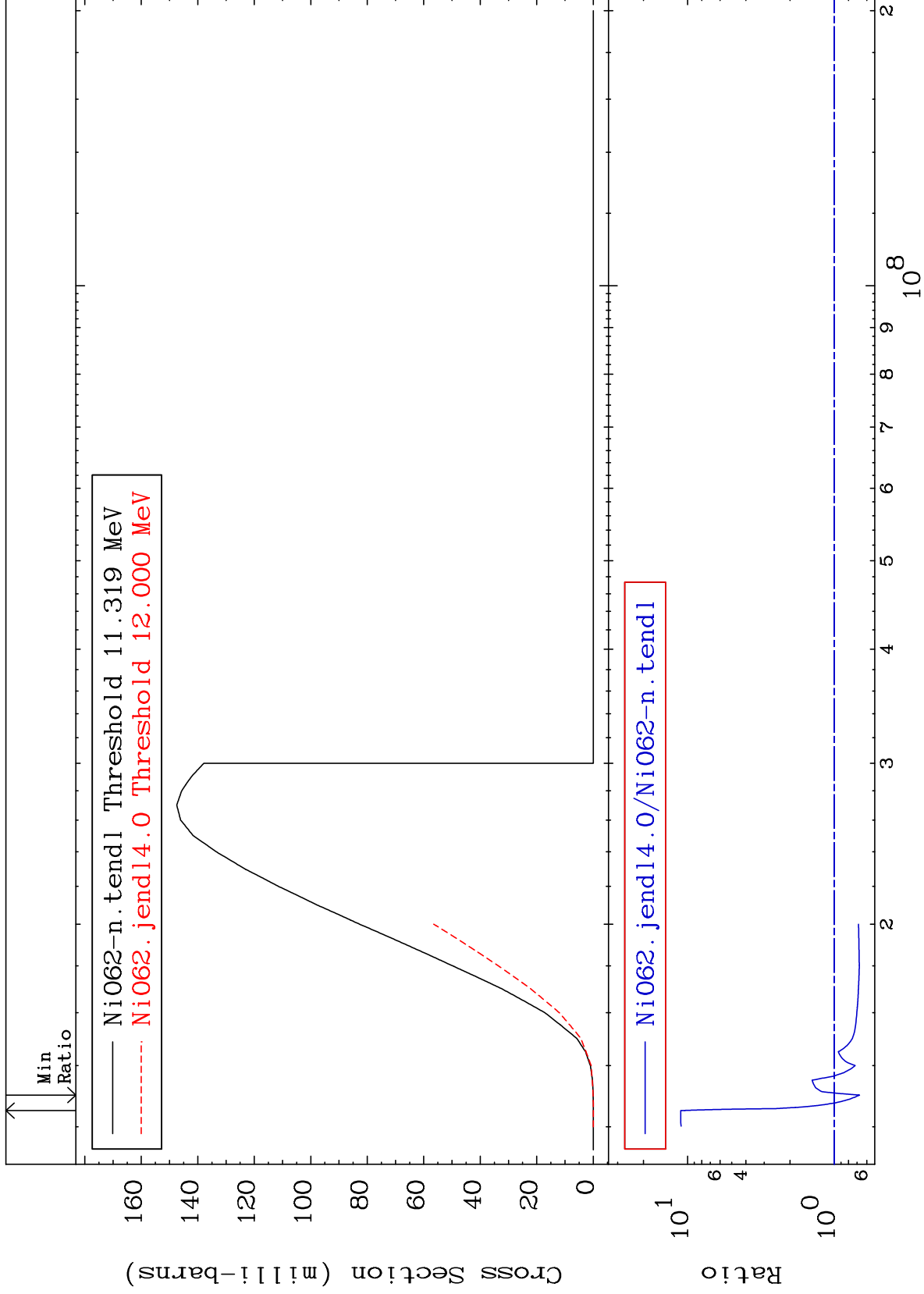
28-Ni-62
-35.83 To 9999. %



6

Incident Energy (eV)

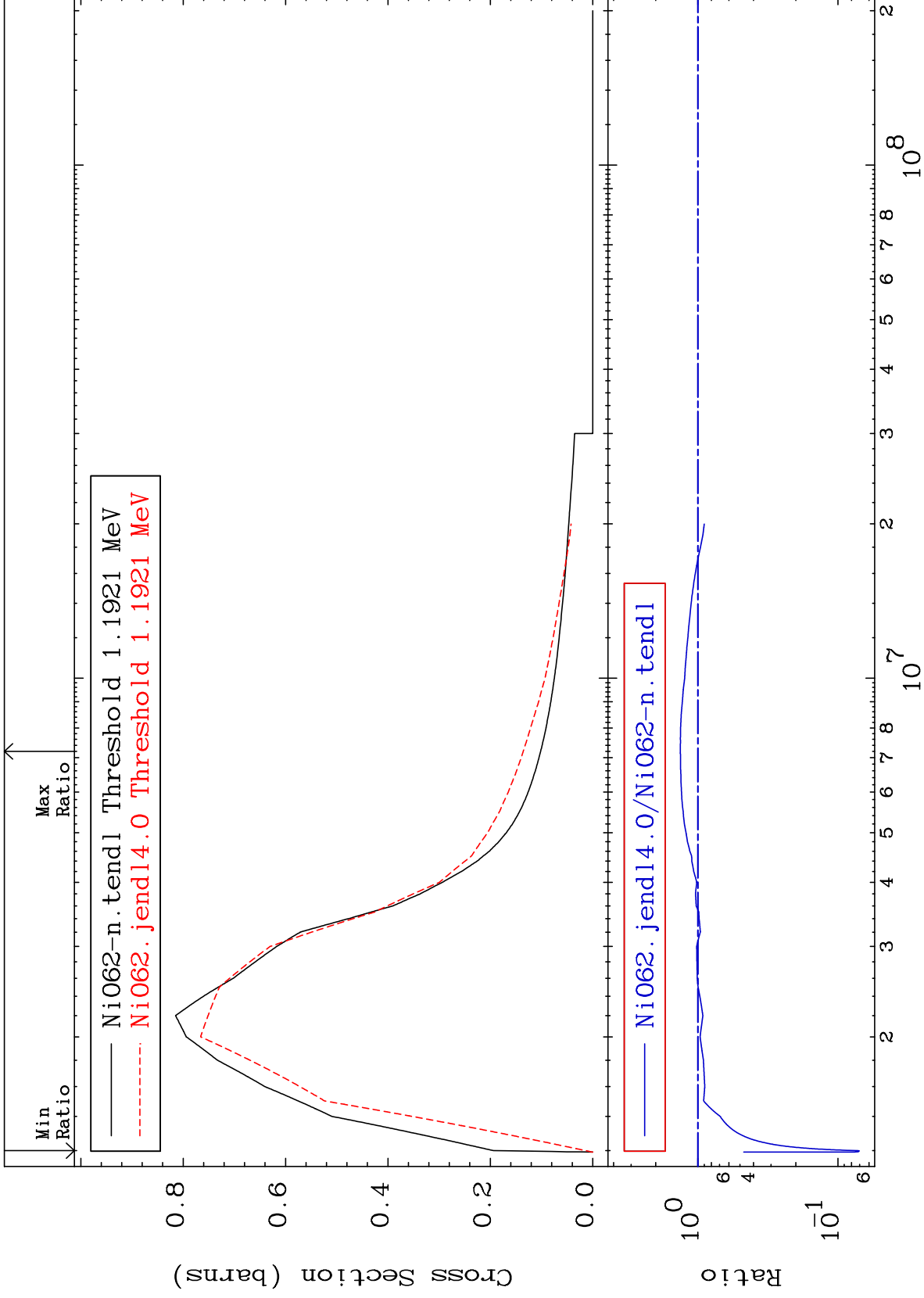
28-Ni-62



MAT 2837

1.173 MeV (n,n') Level
Cross Section

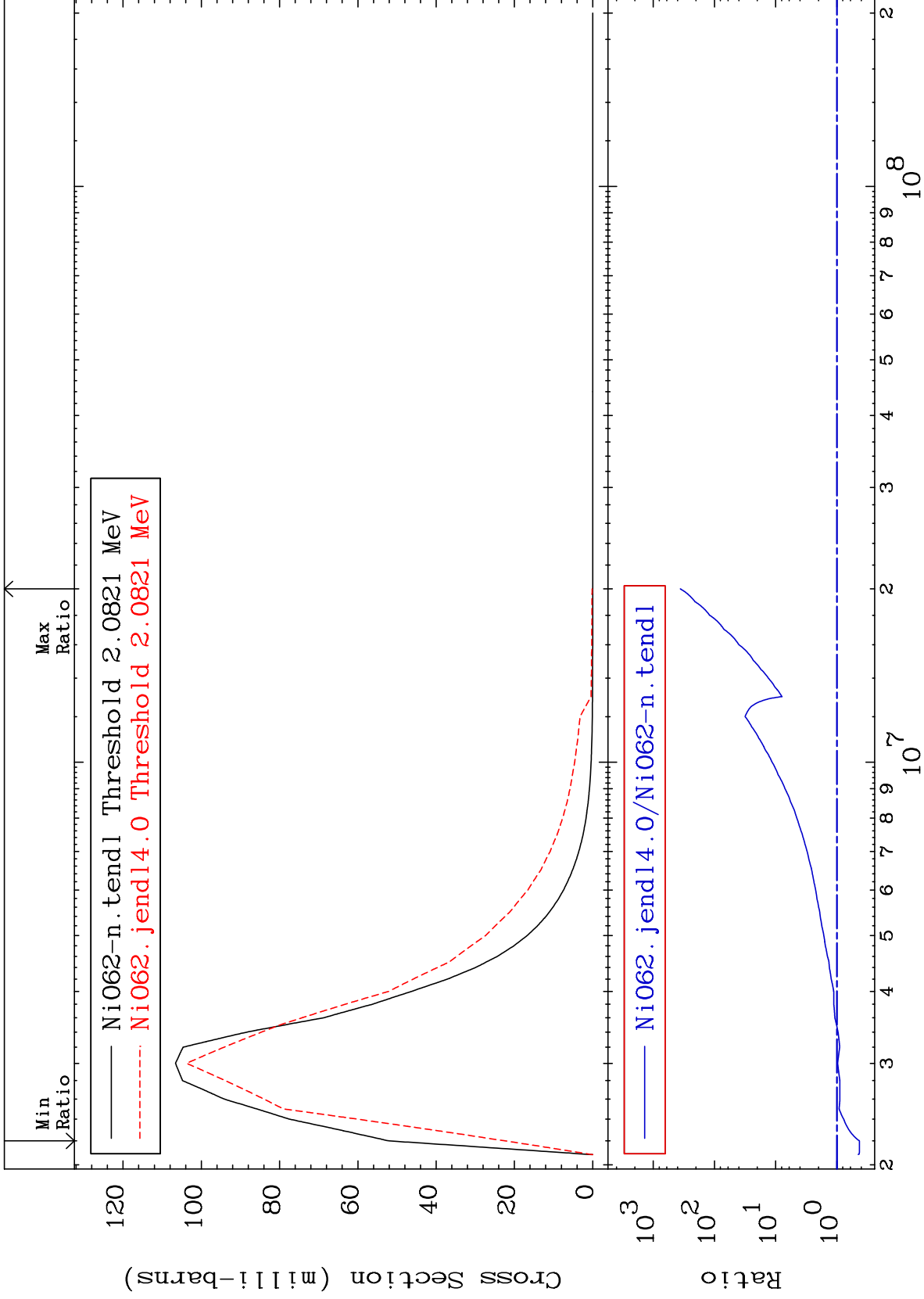
28-Ni-62
-92.99 To 33.41 %



MAT 2837

2.049 MeV (n,n') Level
Cross Section

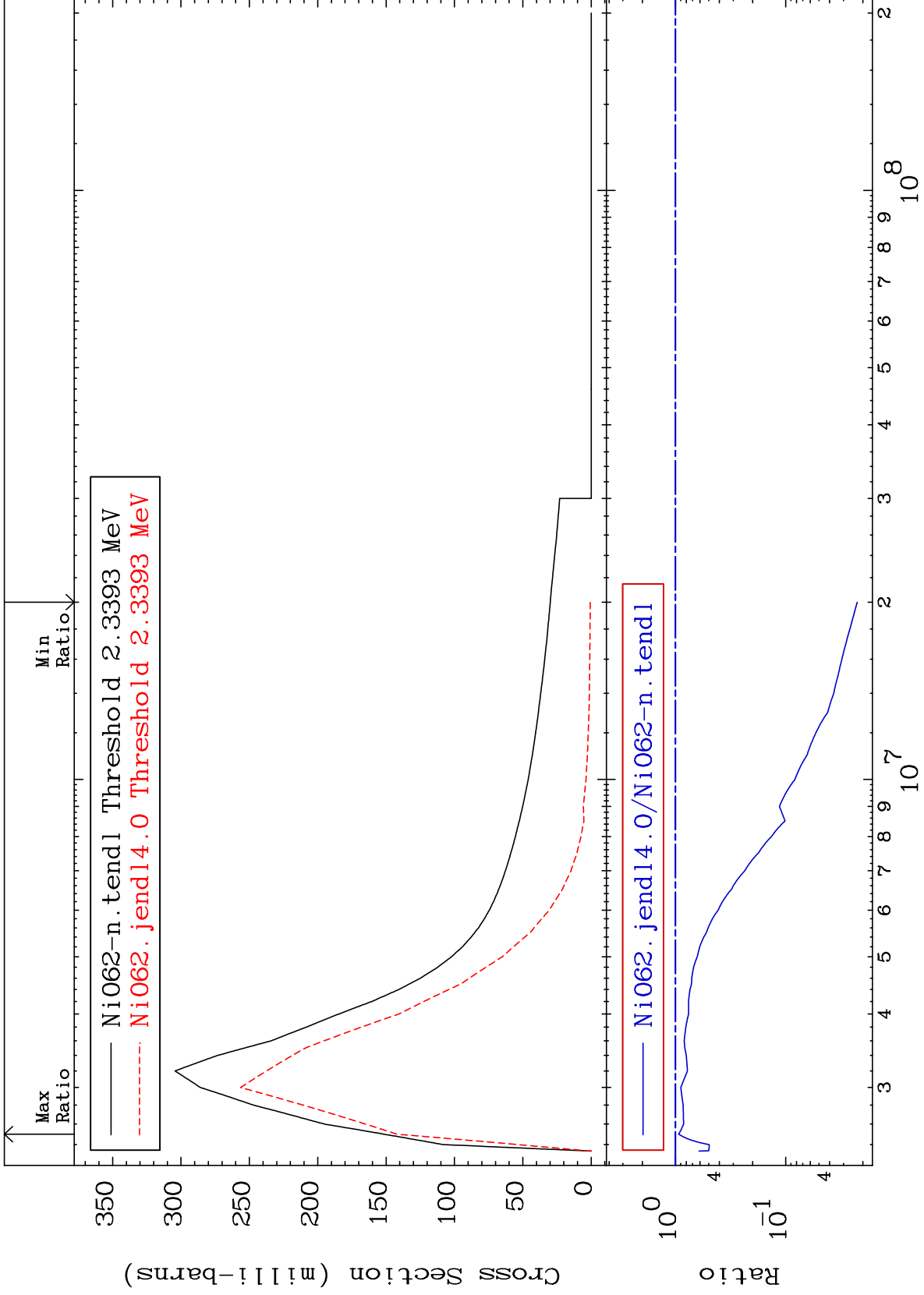
28-Ni-62
-57.17 To 9999. %



MAT 2837

2.302 MeV (n,n') Level
Cross Section

28-Ni-62
-97.75 To -6.246%



10

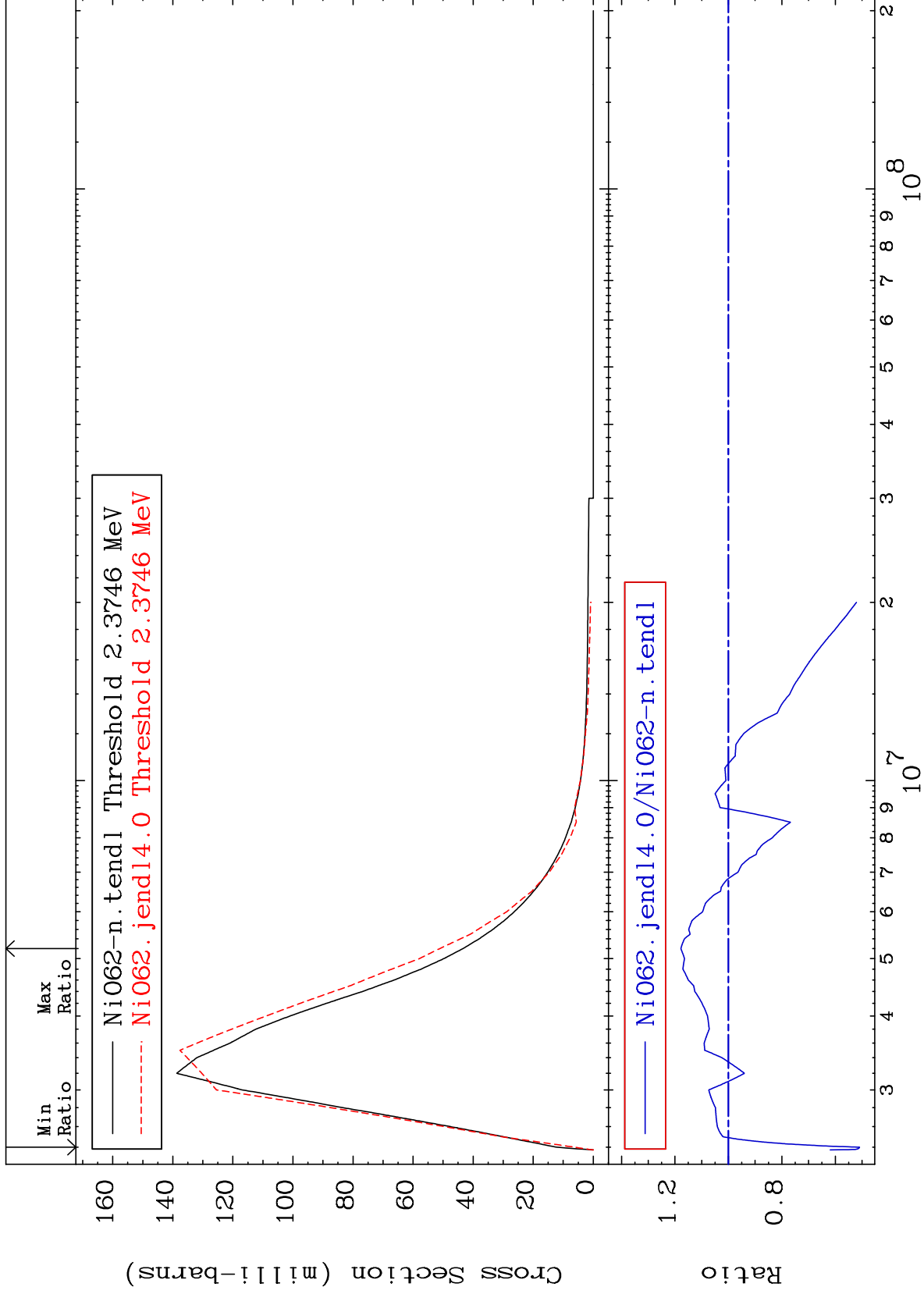
Incident Energy (eV)

28-Ni-62

MAT 2837

2.337 MeV (n,n') Level
Cross Section

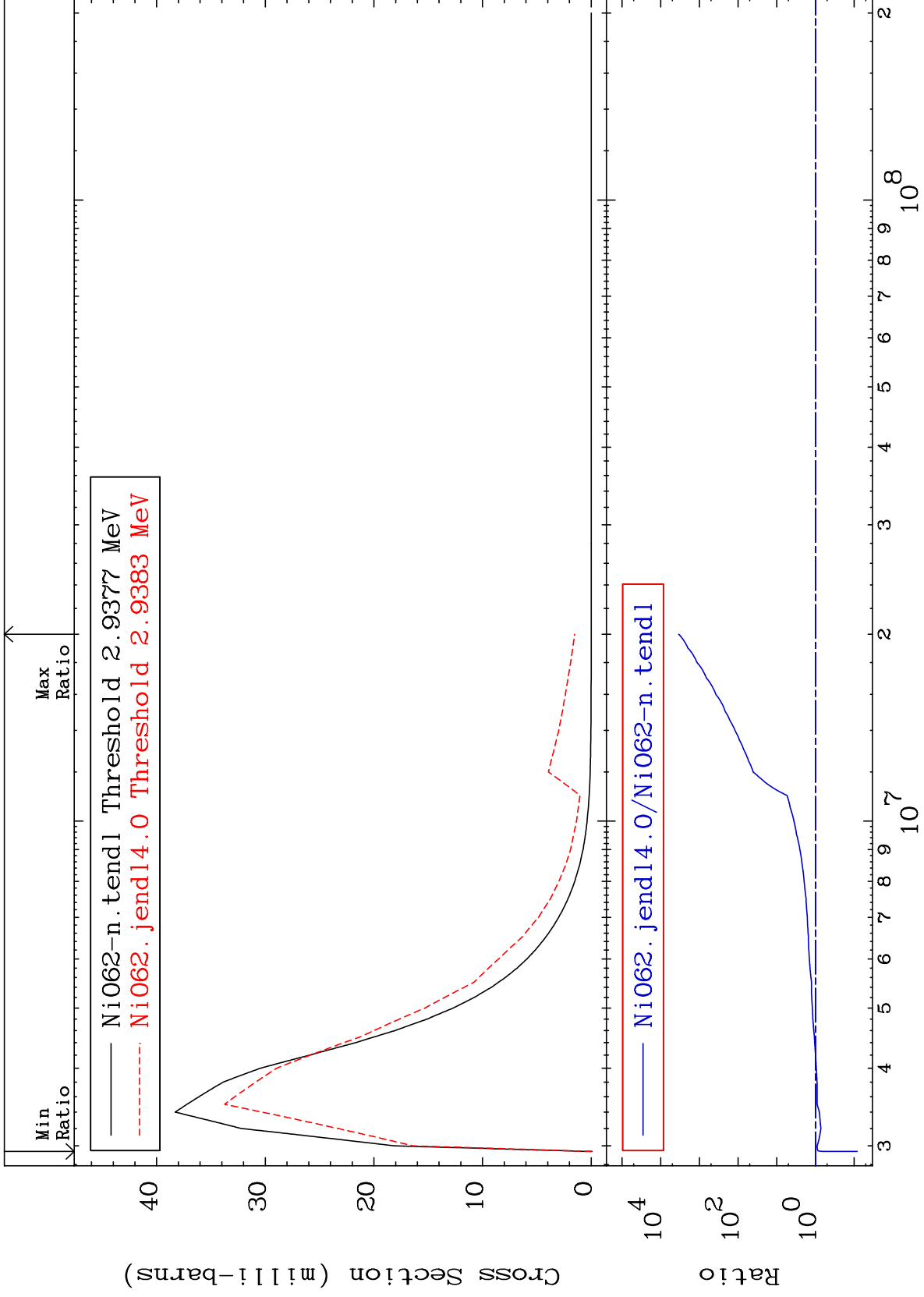
28-Ni-62
-49.06 To 17.83 %



MAT 2837

2.891 MeV (n,n') Level
Cross Section

28-Ni-62
-91.70 To 9999. %



12

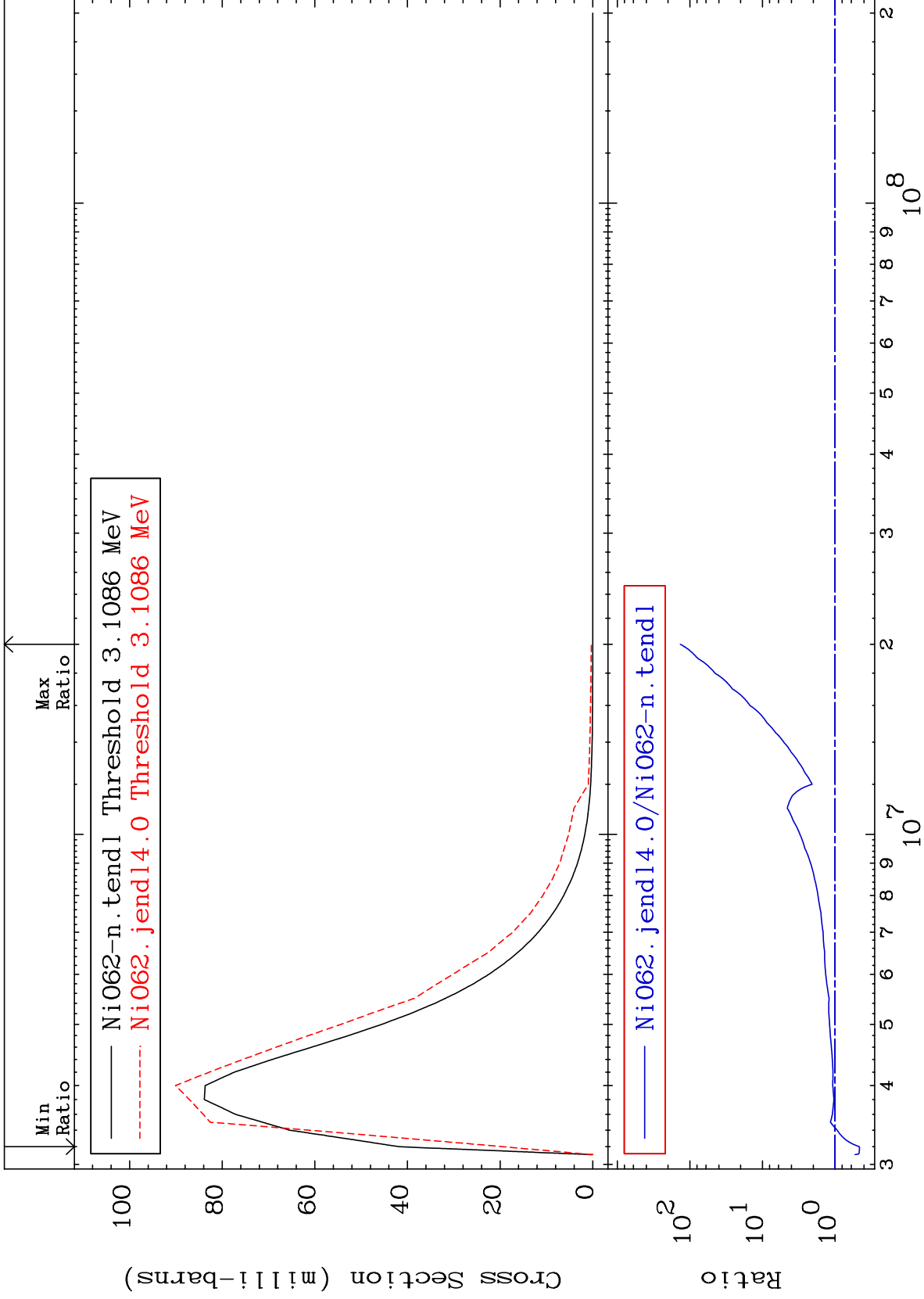
Incident Energy (eV)

28-Ni-62

MAT 2837

3.059 MeV (n,n') Level
Cross Section

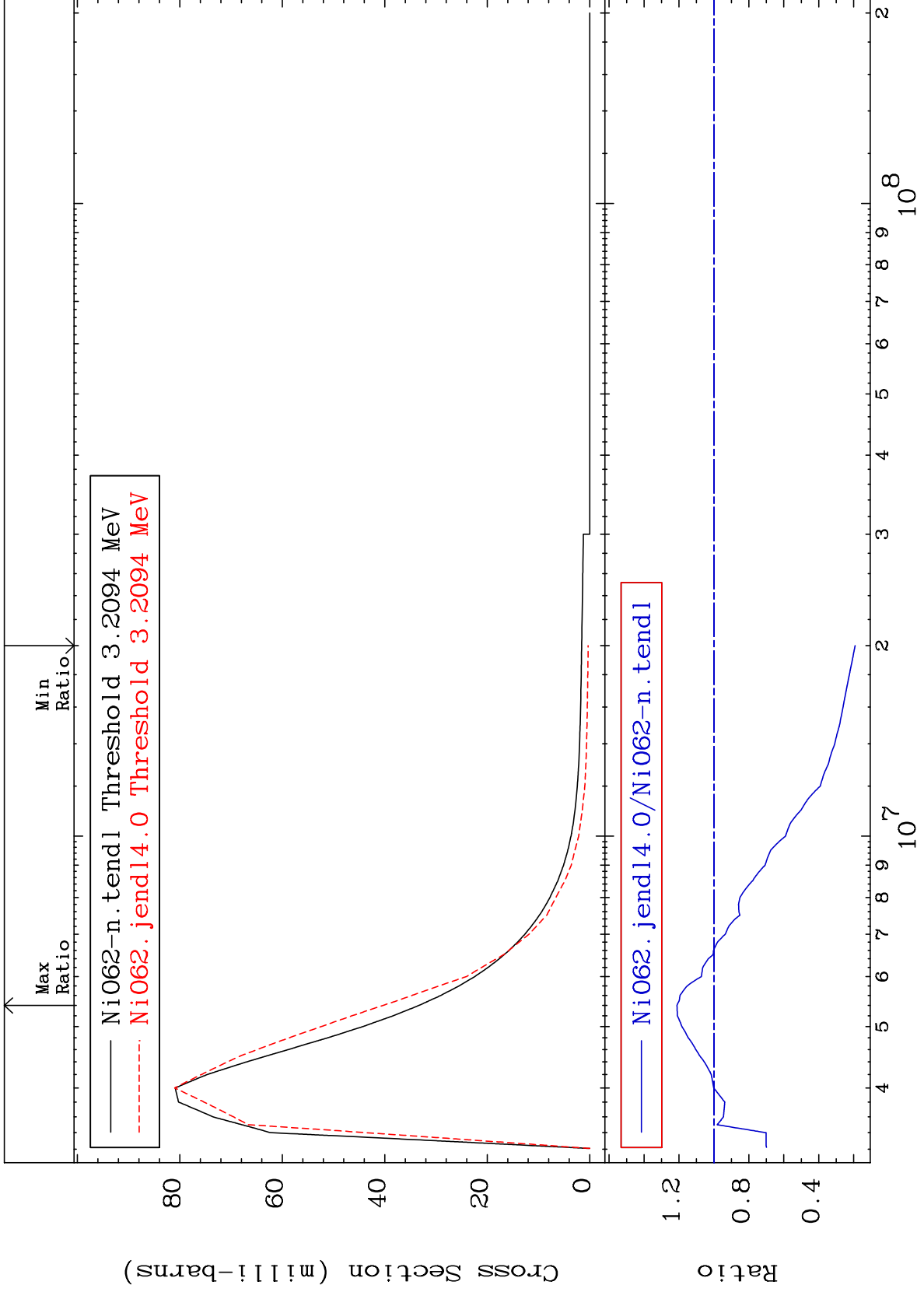
28-Ni-62
-53.78 To 9999. %



MAT 2837

3.158 MeV (n,n') Level
Cross Section

28-Ni-62
-80.82 To 21.19 %



14

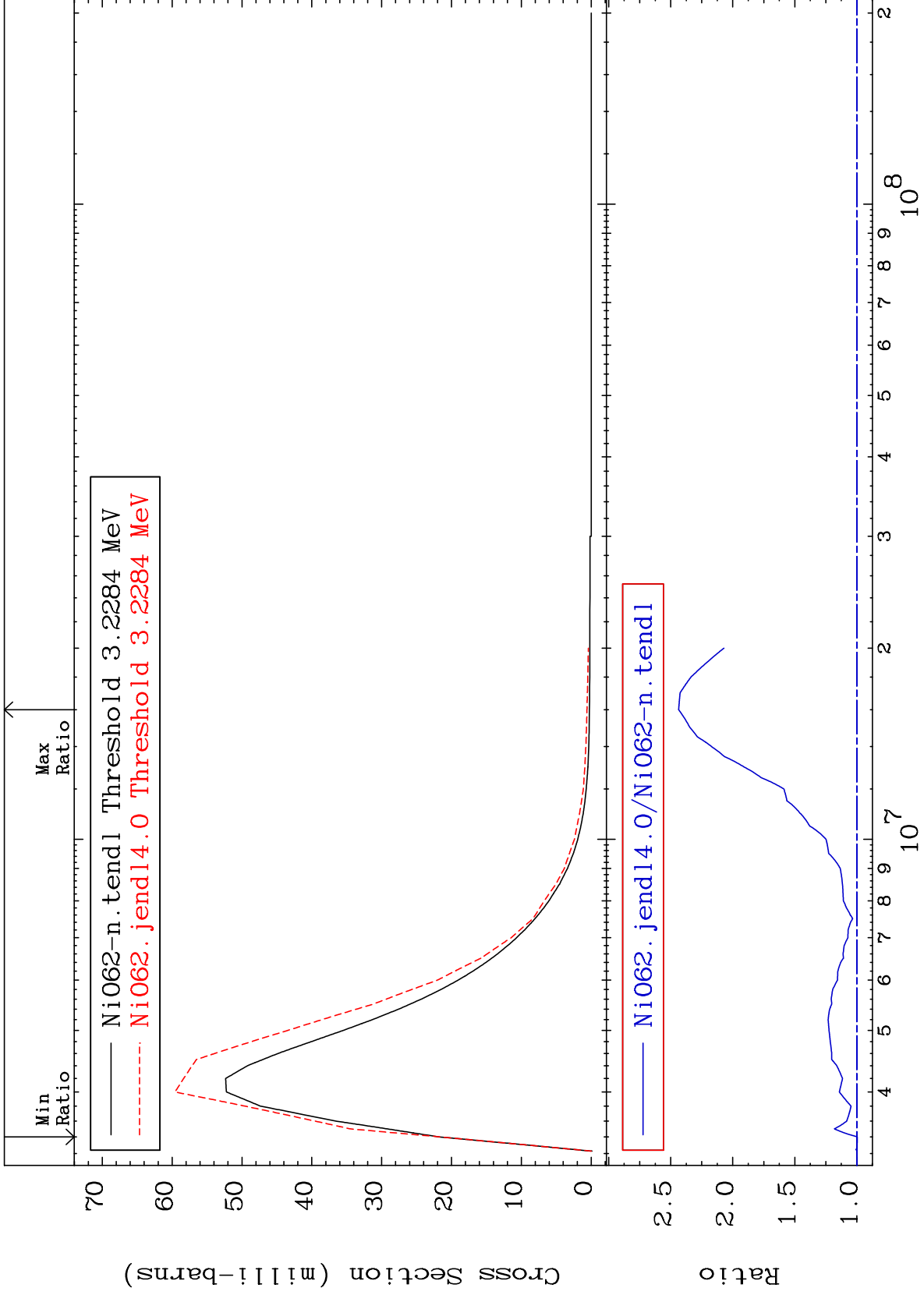
Incident Energy (eV)

28-Ni-62

MAT 2837

3.177 MeV (n,n') Level
Cross Section

28-Ni-62
-0.358 To 143.6 %



15

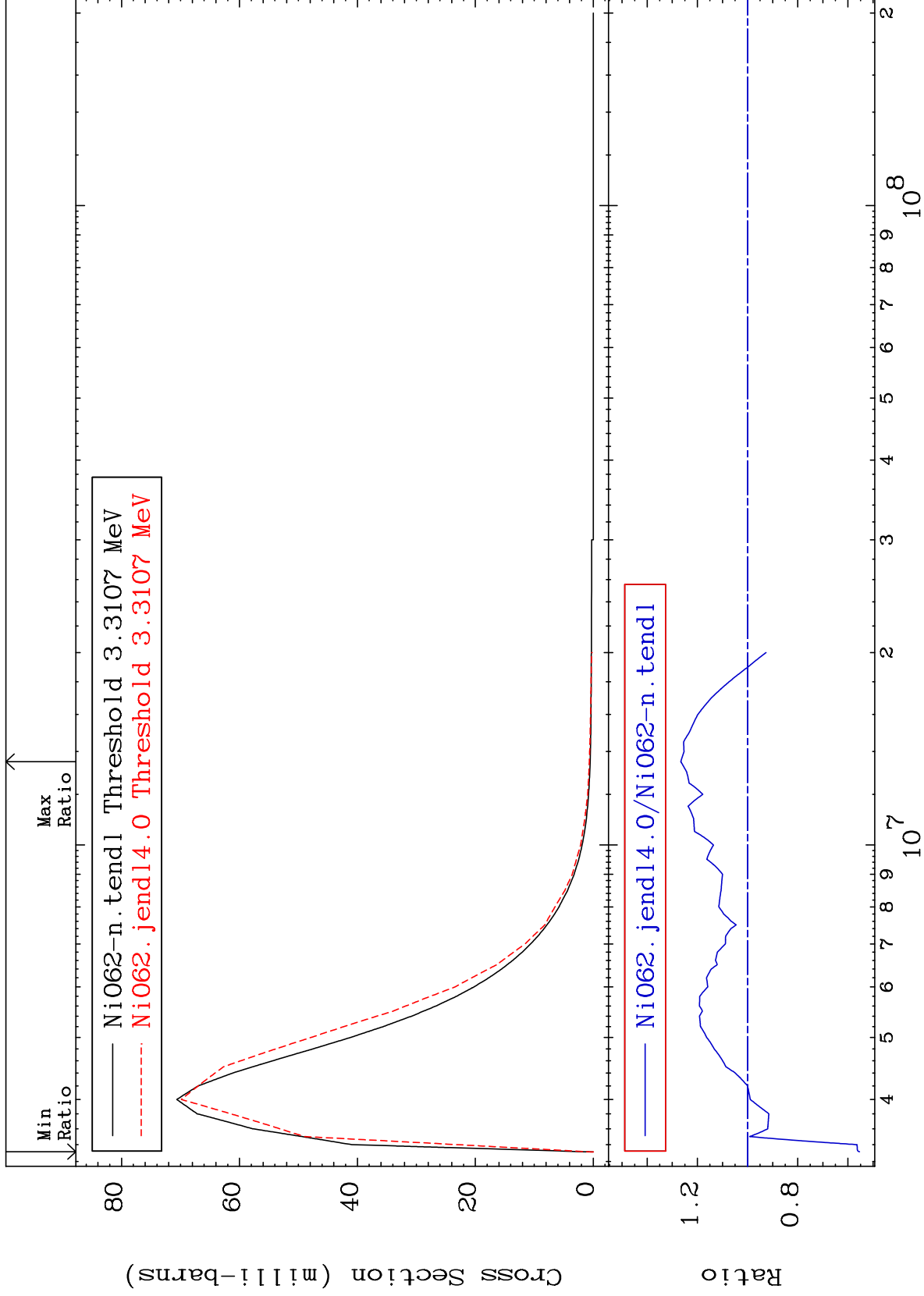
Incident Energy (eV)

28-Ni-62

MAT 2837

3.258 MeV (n,n') Level
Cross Section

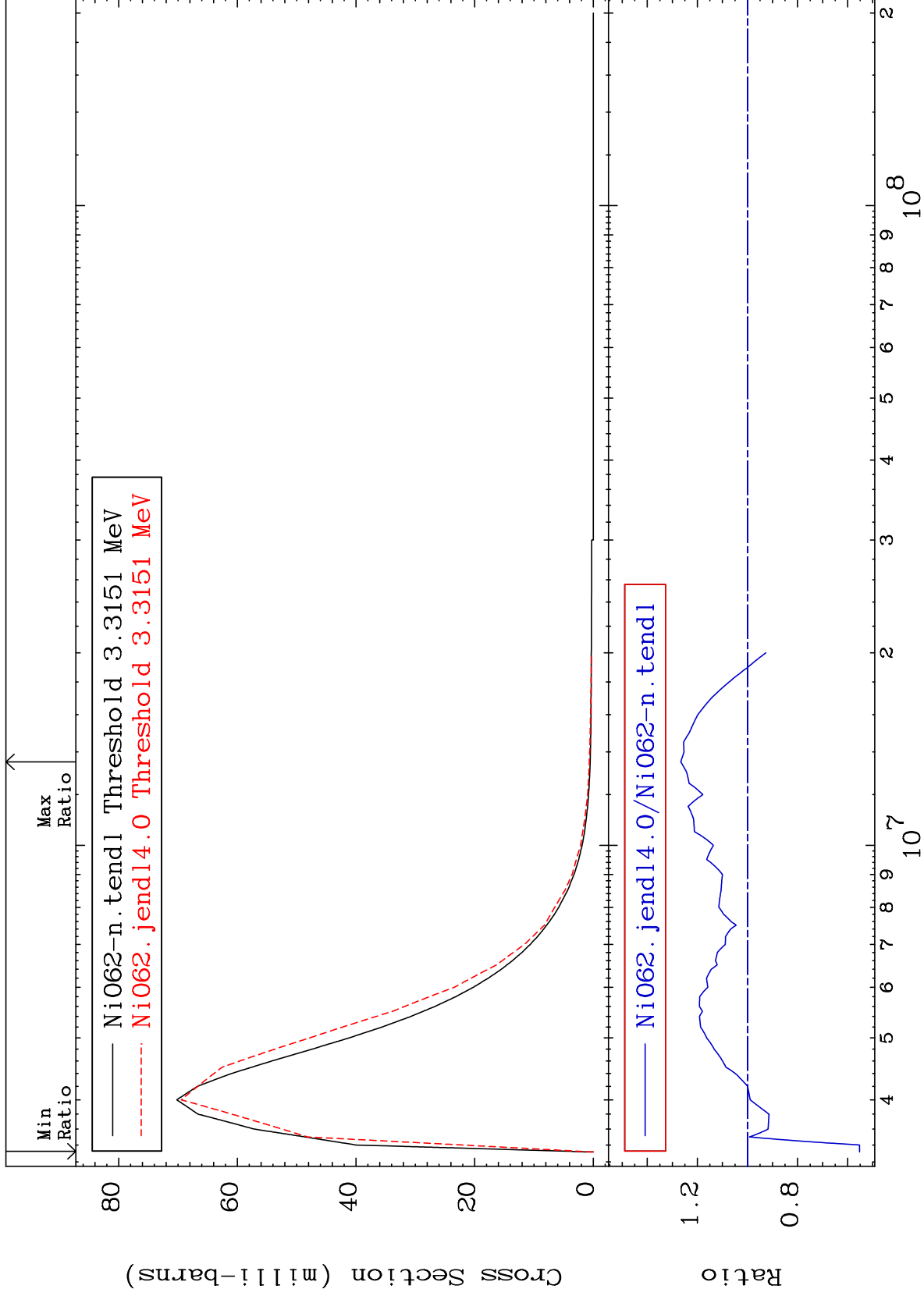
28-Ni-62
-44.62 To 26.62 %



MAT 2837

3.262 MeV (n,n') Level
Cross Section

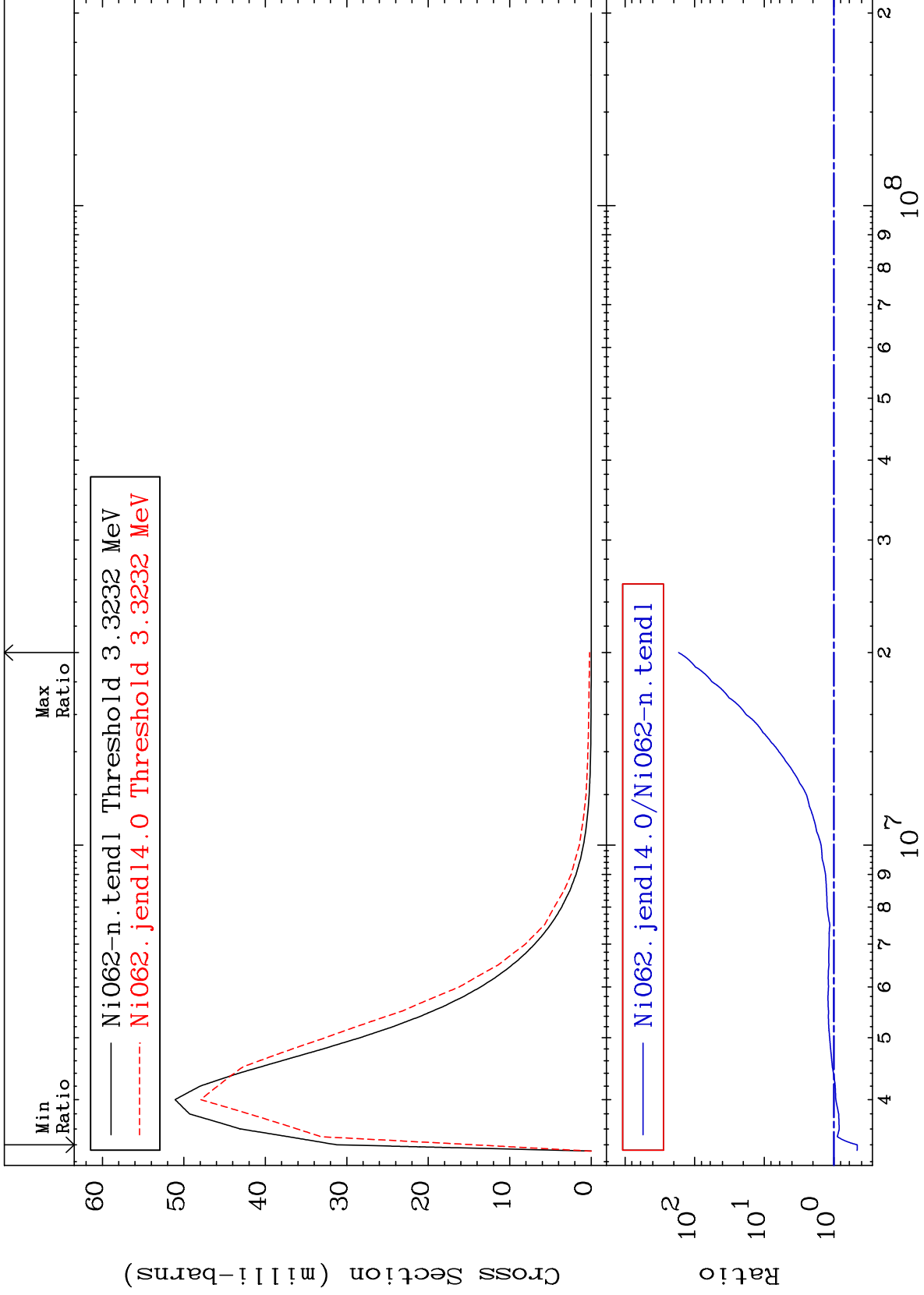
28-Ni-62
-44.74 To 26.63 %



MAT 2837

3.270 MeV (n,n') Level
Cross Section

28-Ni-62
-53.90 To 9999. %



18

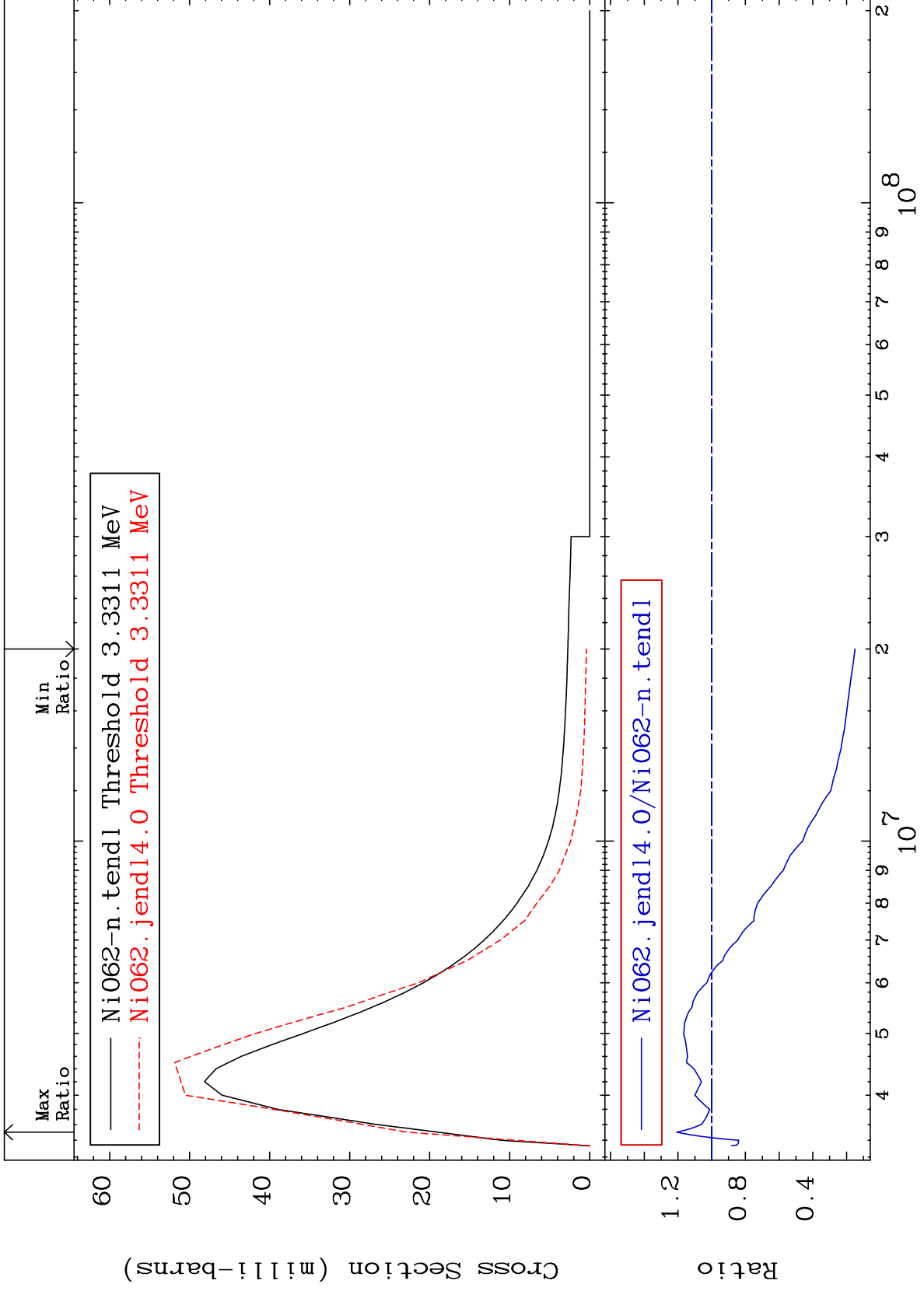
Incident Energy (eV)

28-Ni-62

MAT 2837

3.278 MeV (n,n') Level
Cross Section

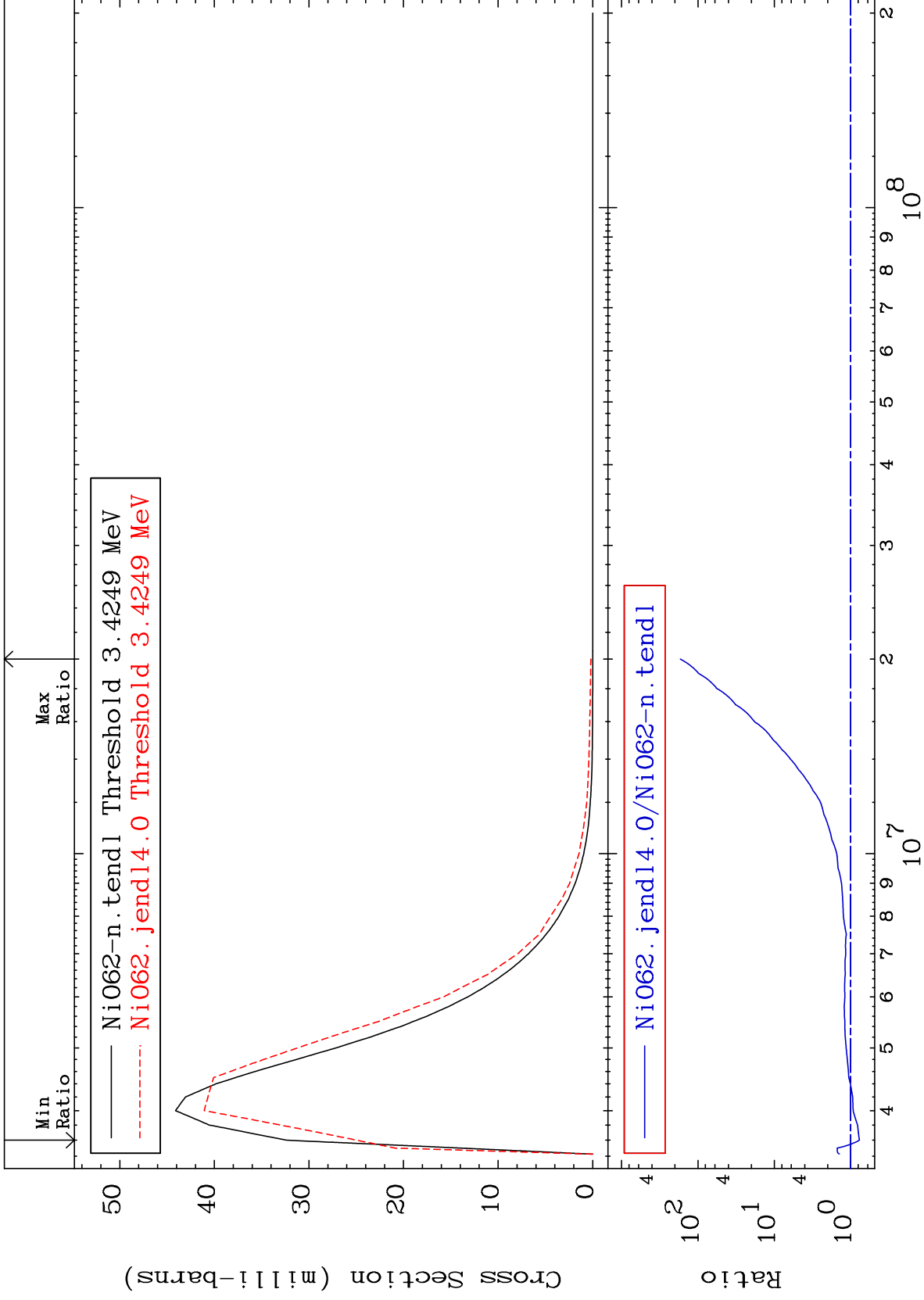
28-Ni-62
-85.09 To 20.63 %



MAT 2837

3.370 MeV (n,n') Level
Cross Section

28-Ni-62
-23.00 To 9999. %



20

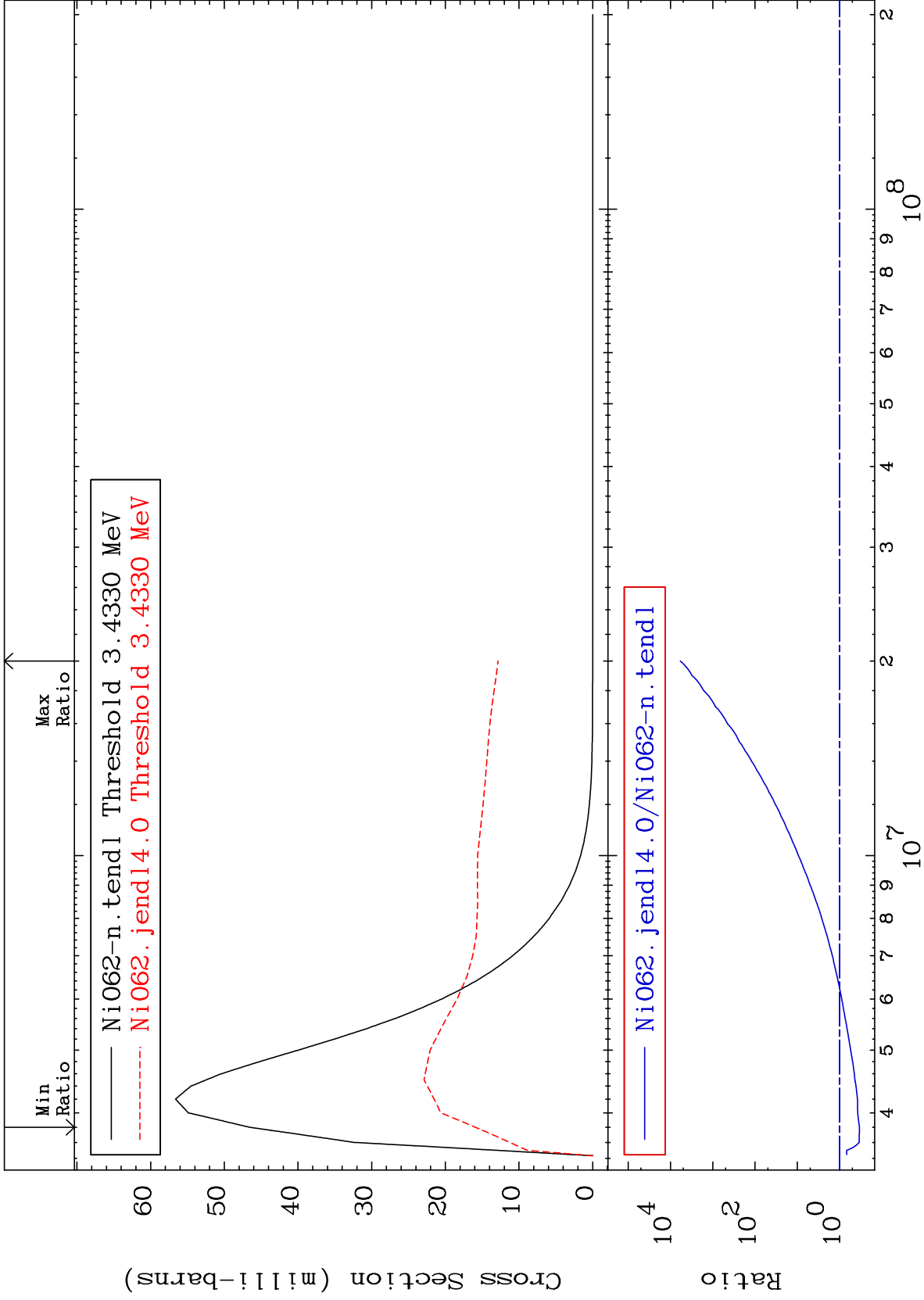
Incident Energy (eV)

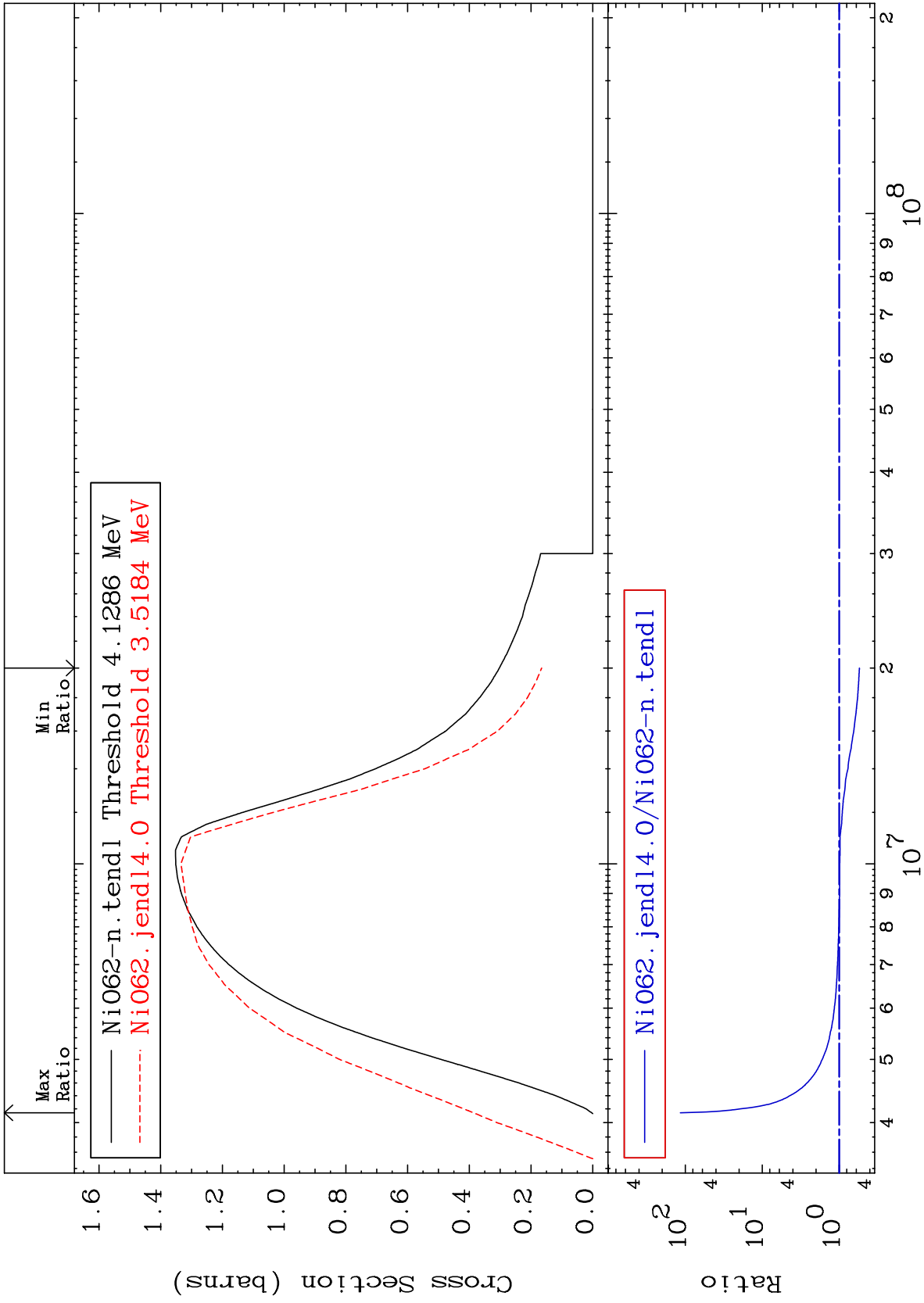
28-Ni-62

MAT 2837

3.378 MeV (n,n') Level
Cross Section

28-Ni-62
-65.83 To 9999. %

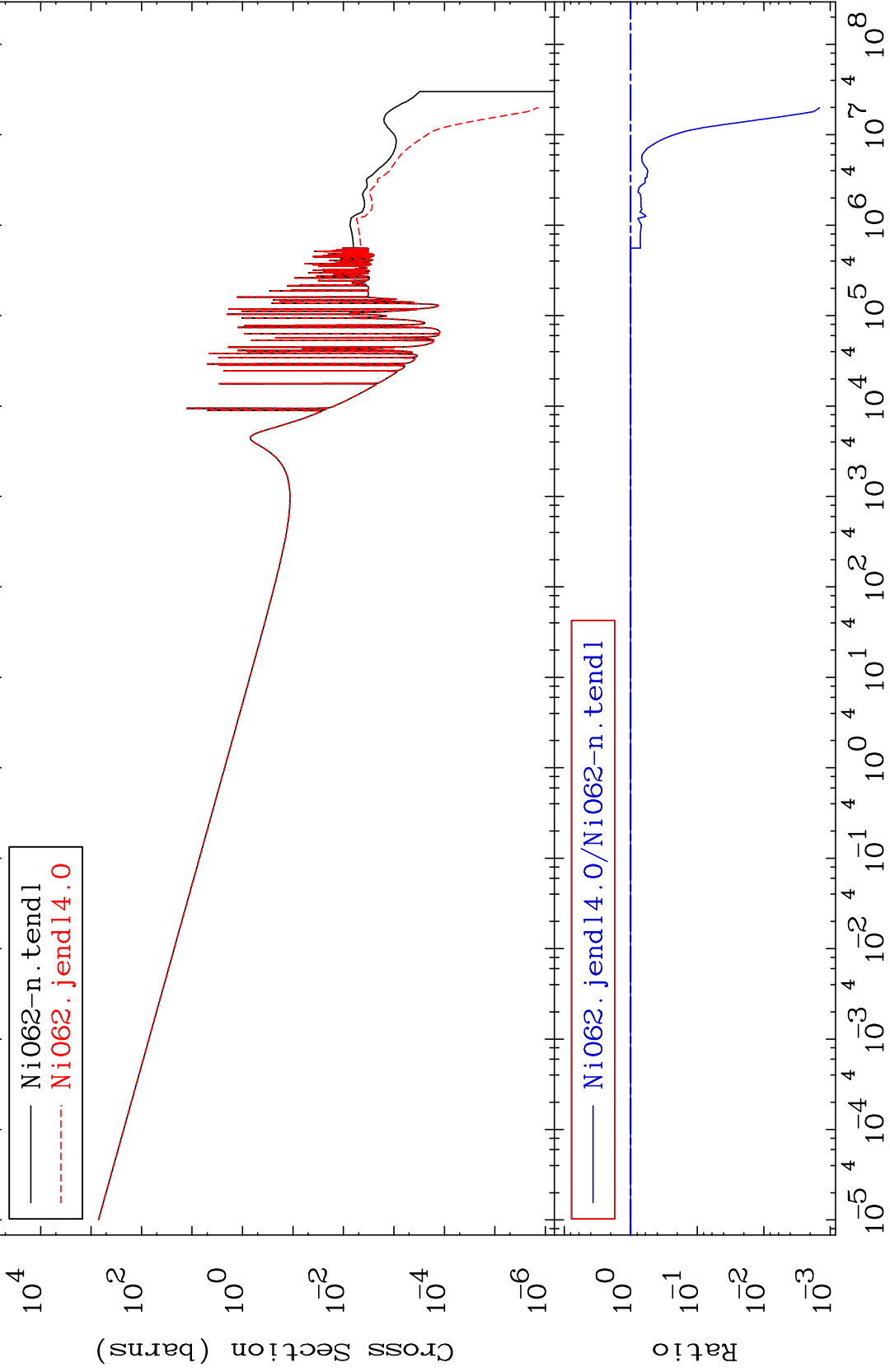




MAT 2837

(n, γ)
Cross Section

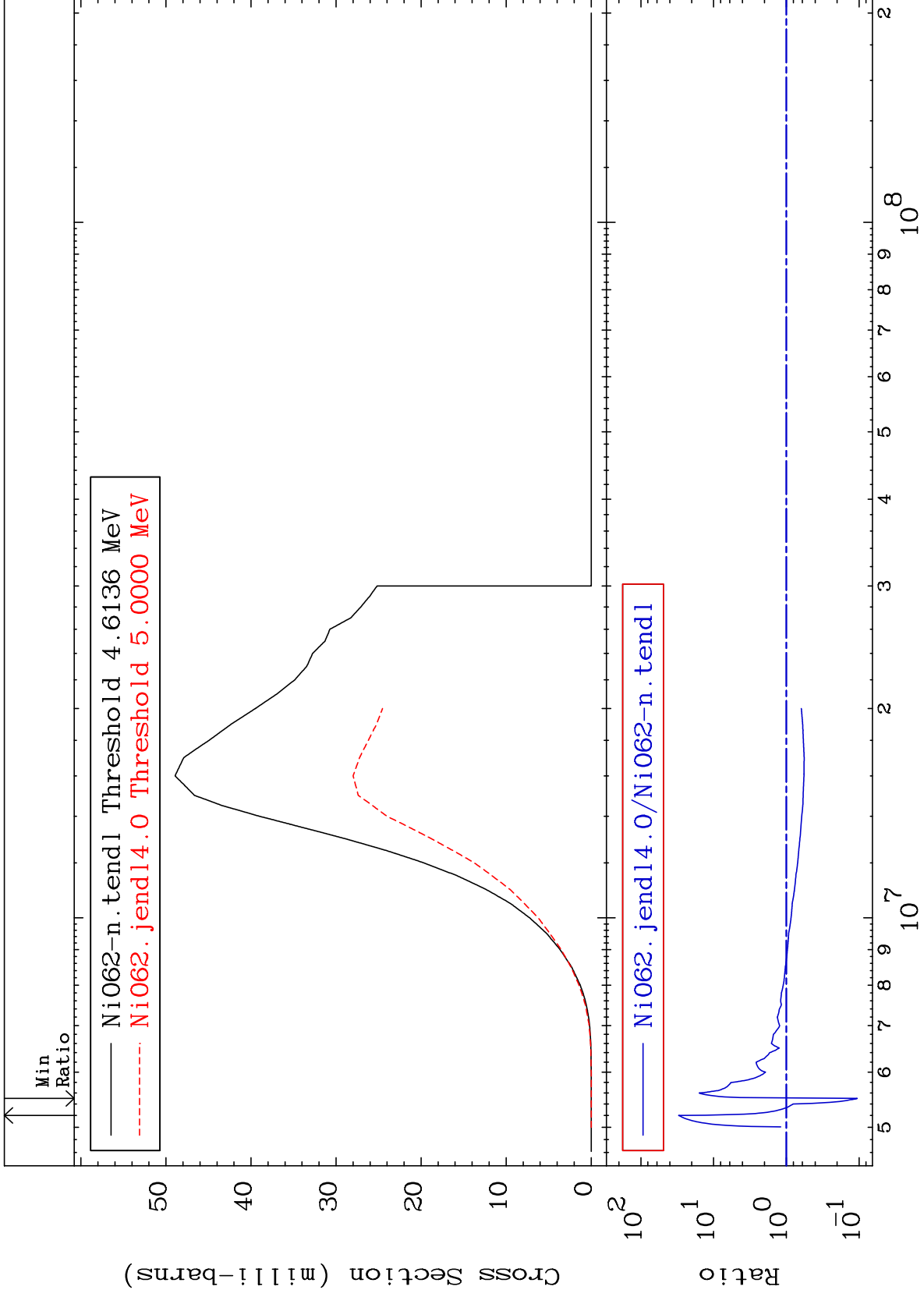
28-Ni-62
-99.85 To 0.096 %



MAT 2837

(n,p)
Cross Section

28-Ni-62
-89.42 To 2924. %



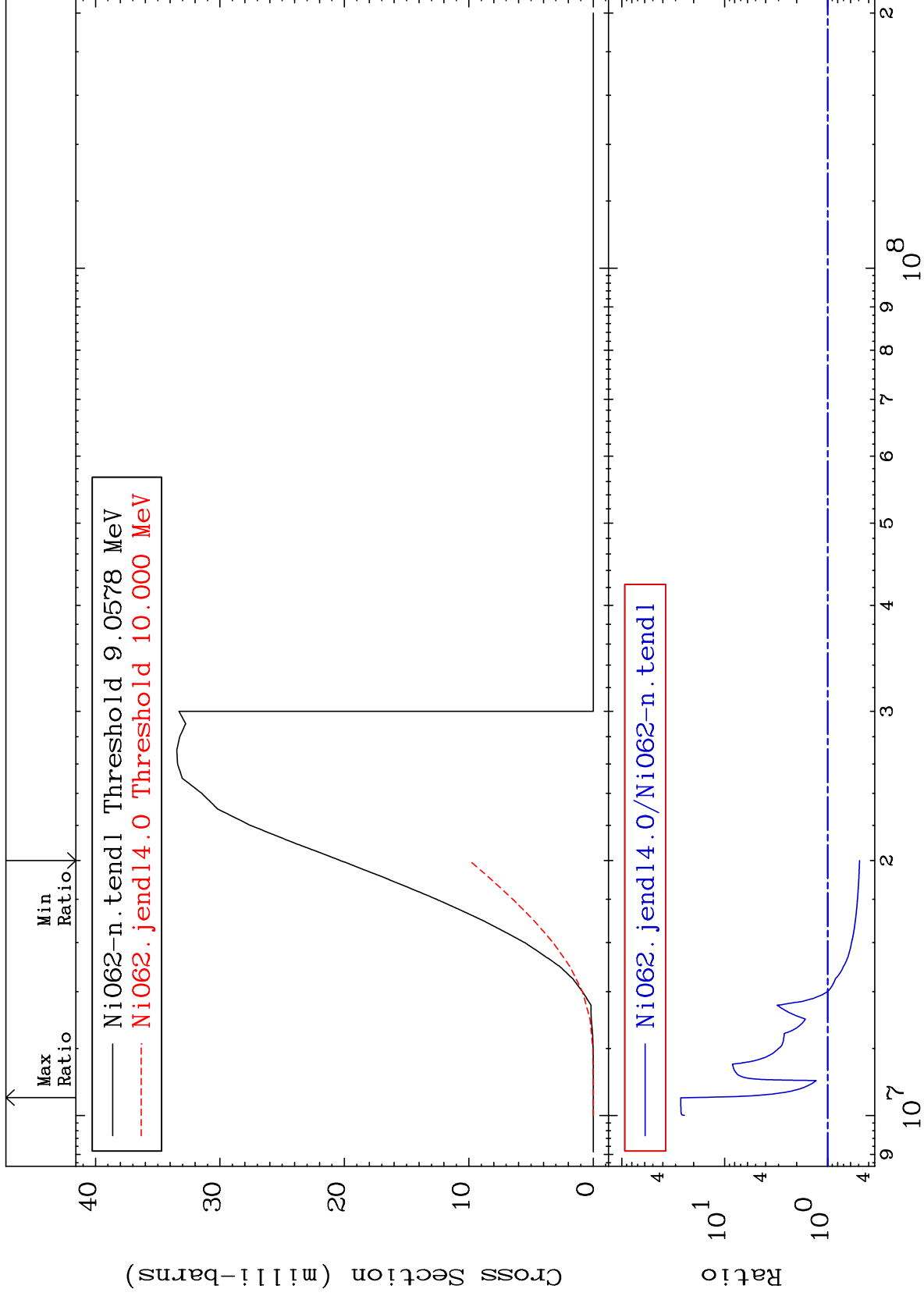
MAT 2837

(n, d)

28-Ni-62

Cross Section

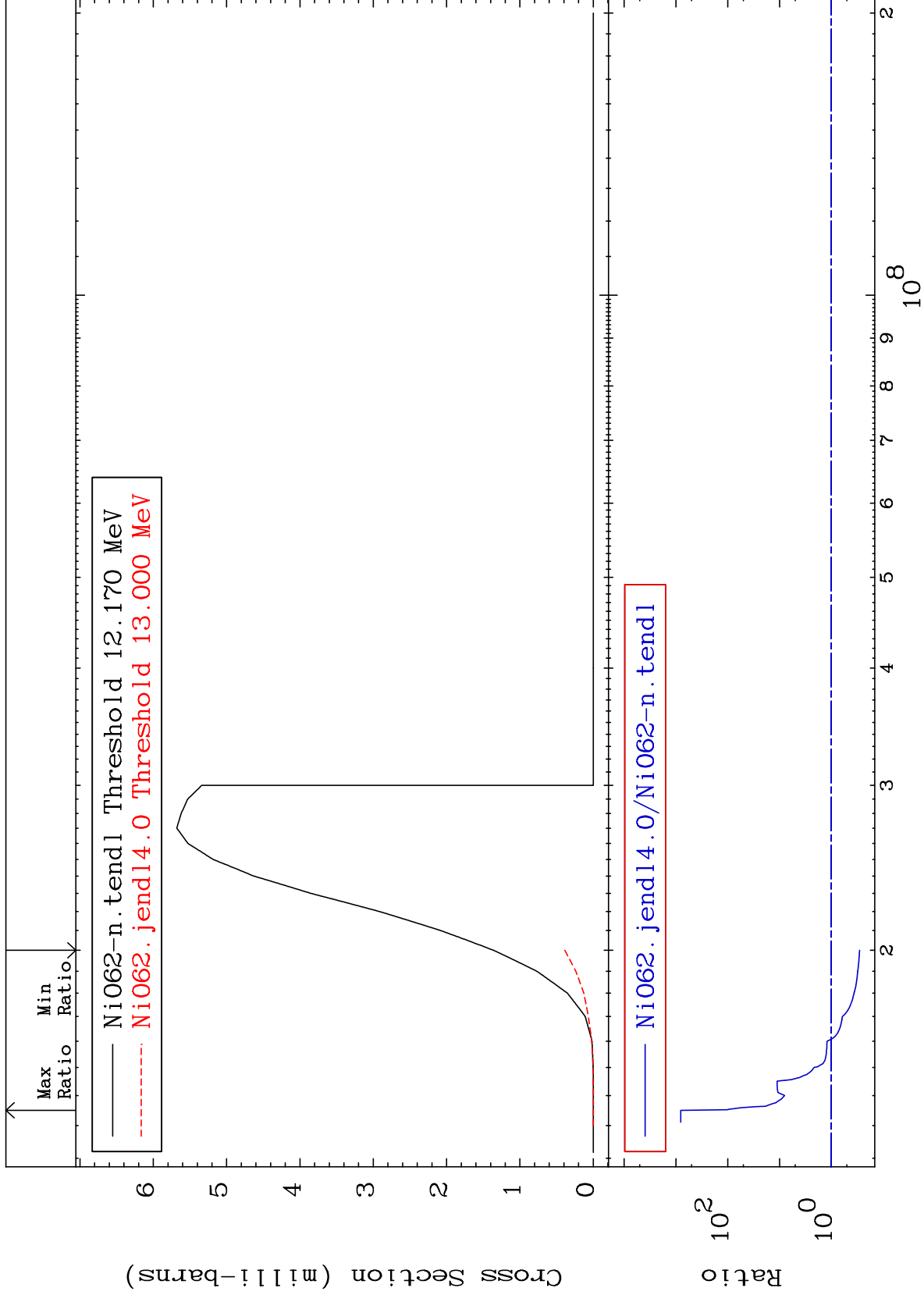
-51.00 To 2573. %

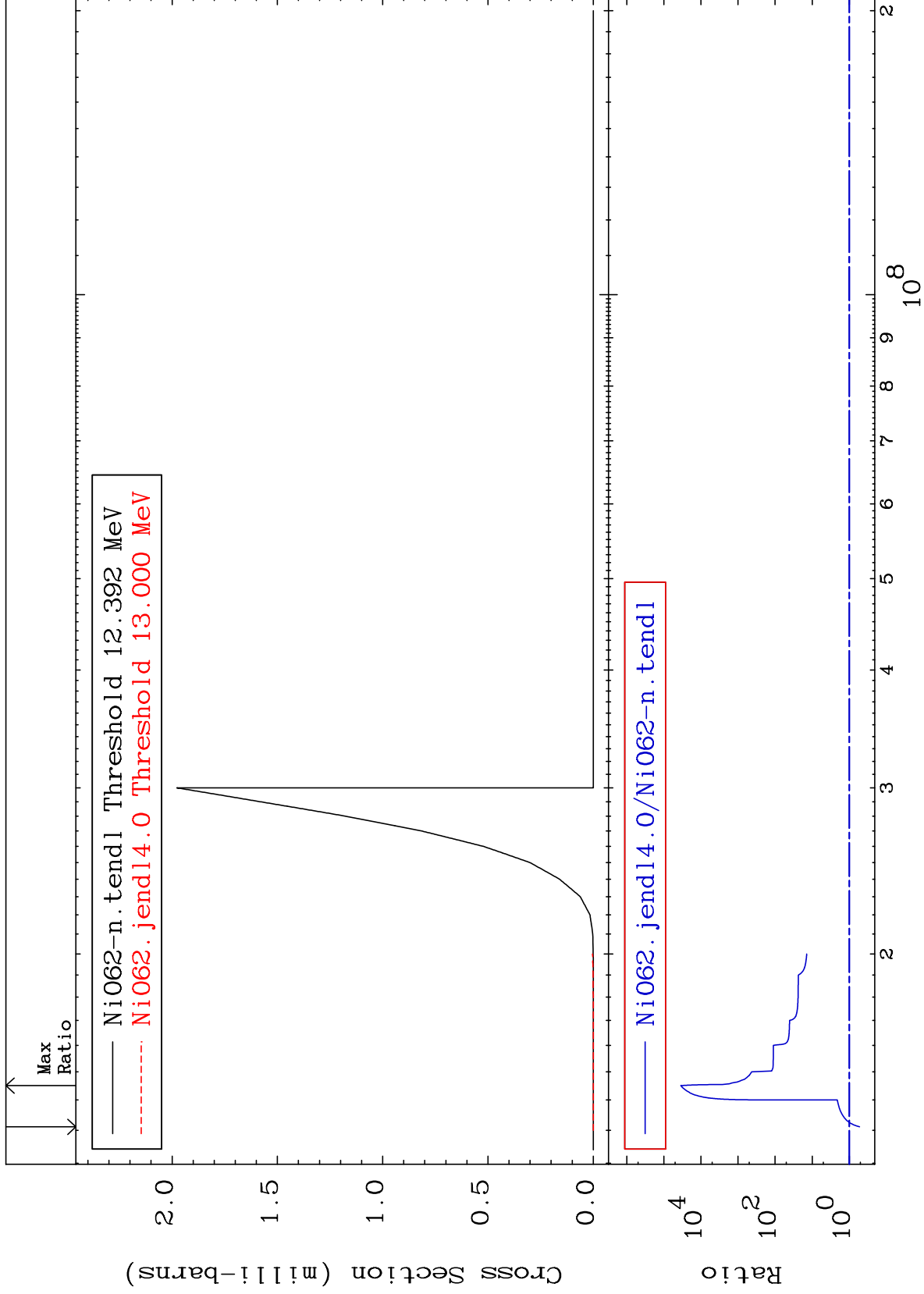


25

Incident Energy (eV)

28-Ni-62





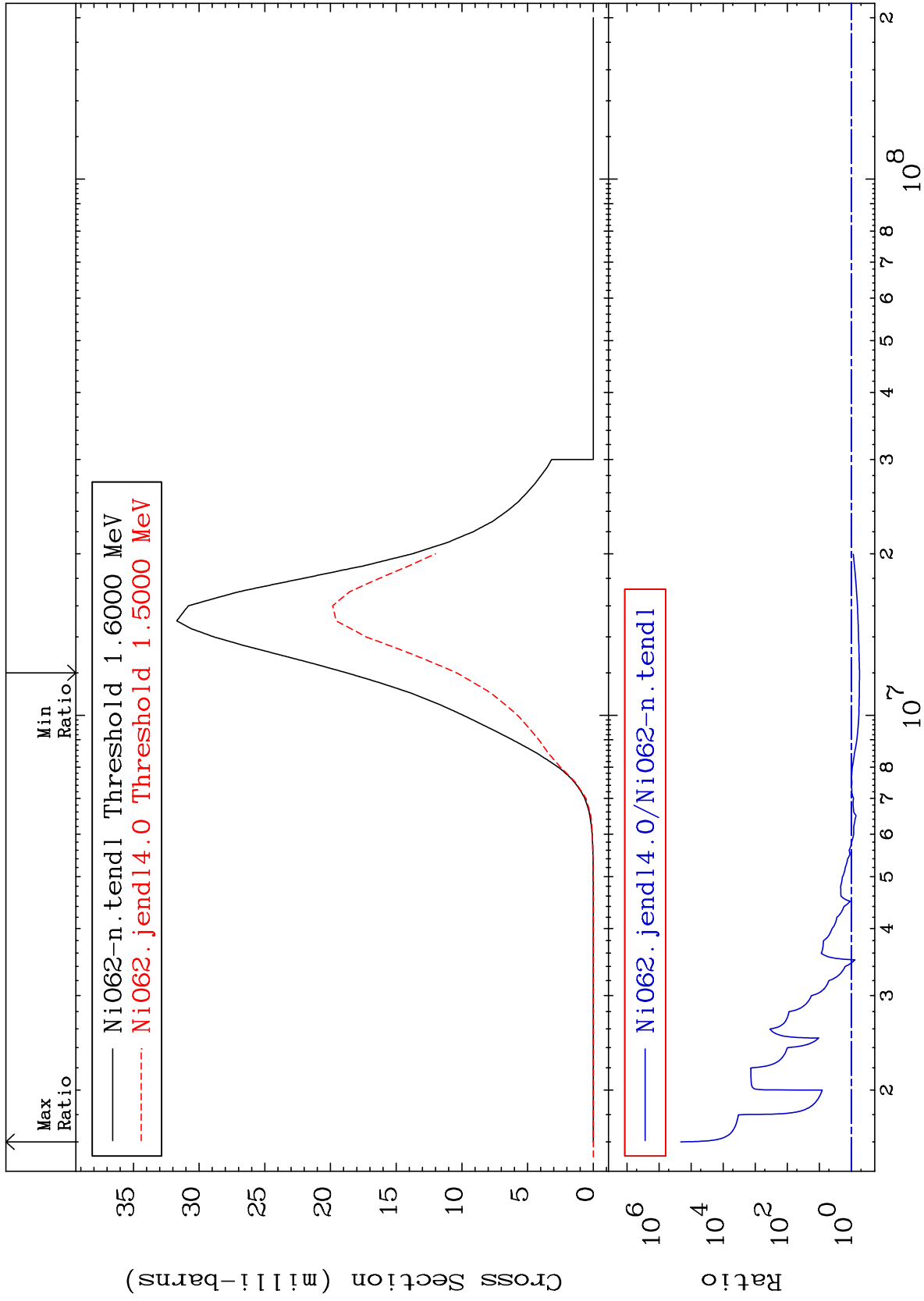
MAT 2837

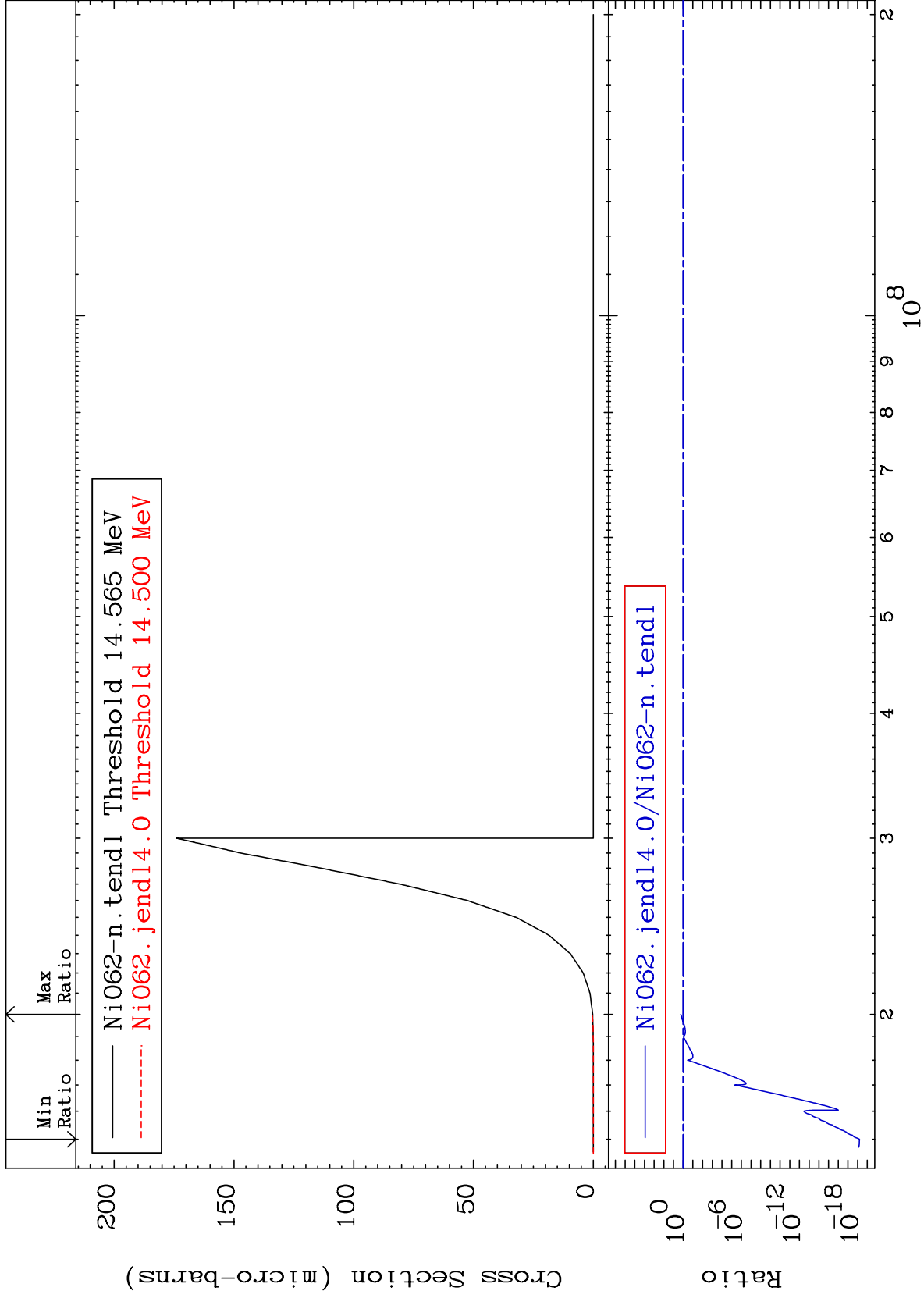
(n, α)

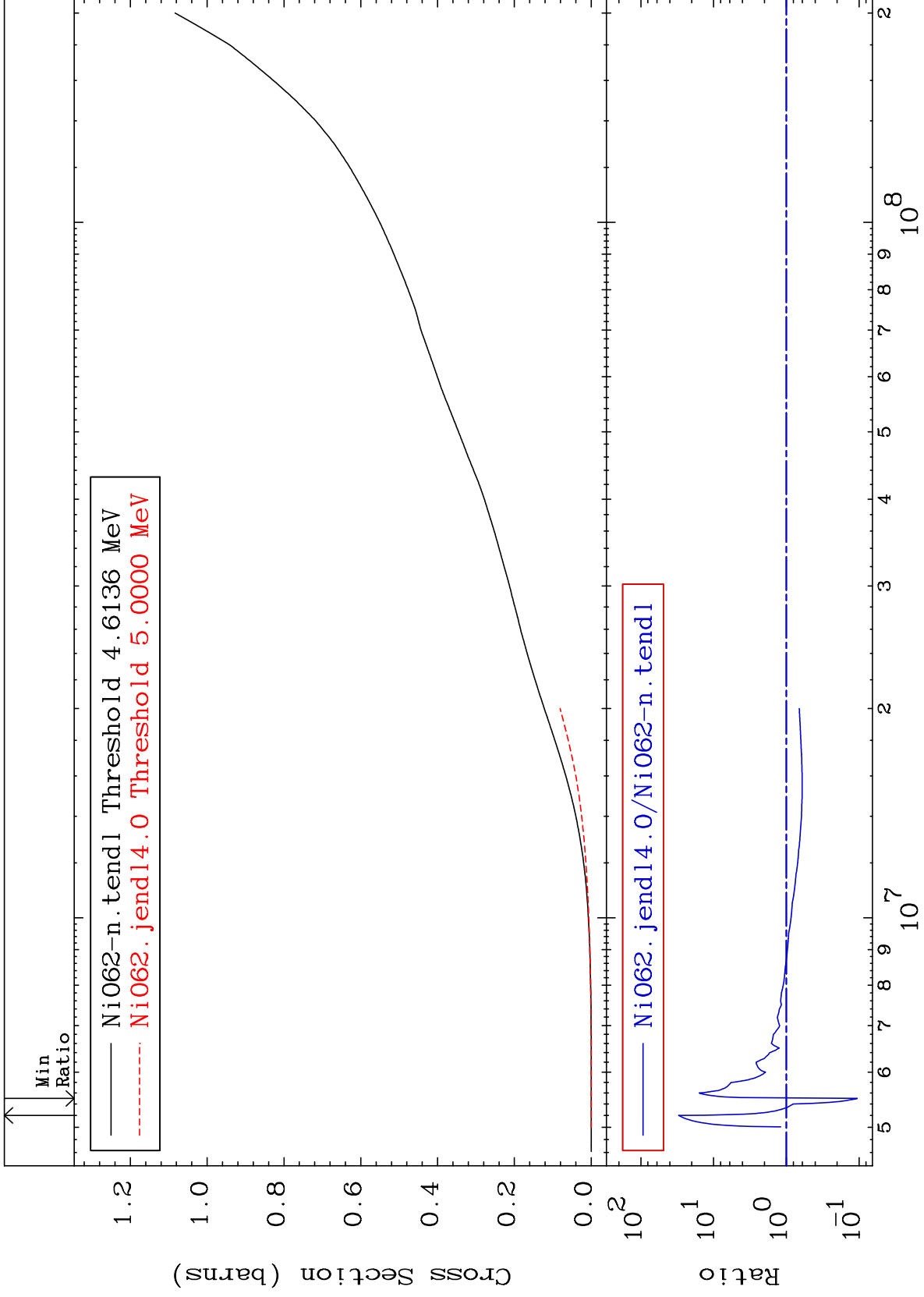
28-Ni-62

Cross Section

-44.61 To 9999. %



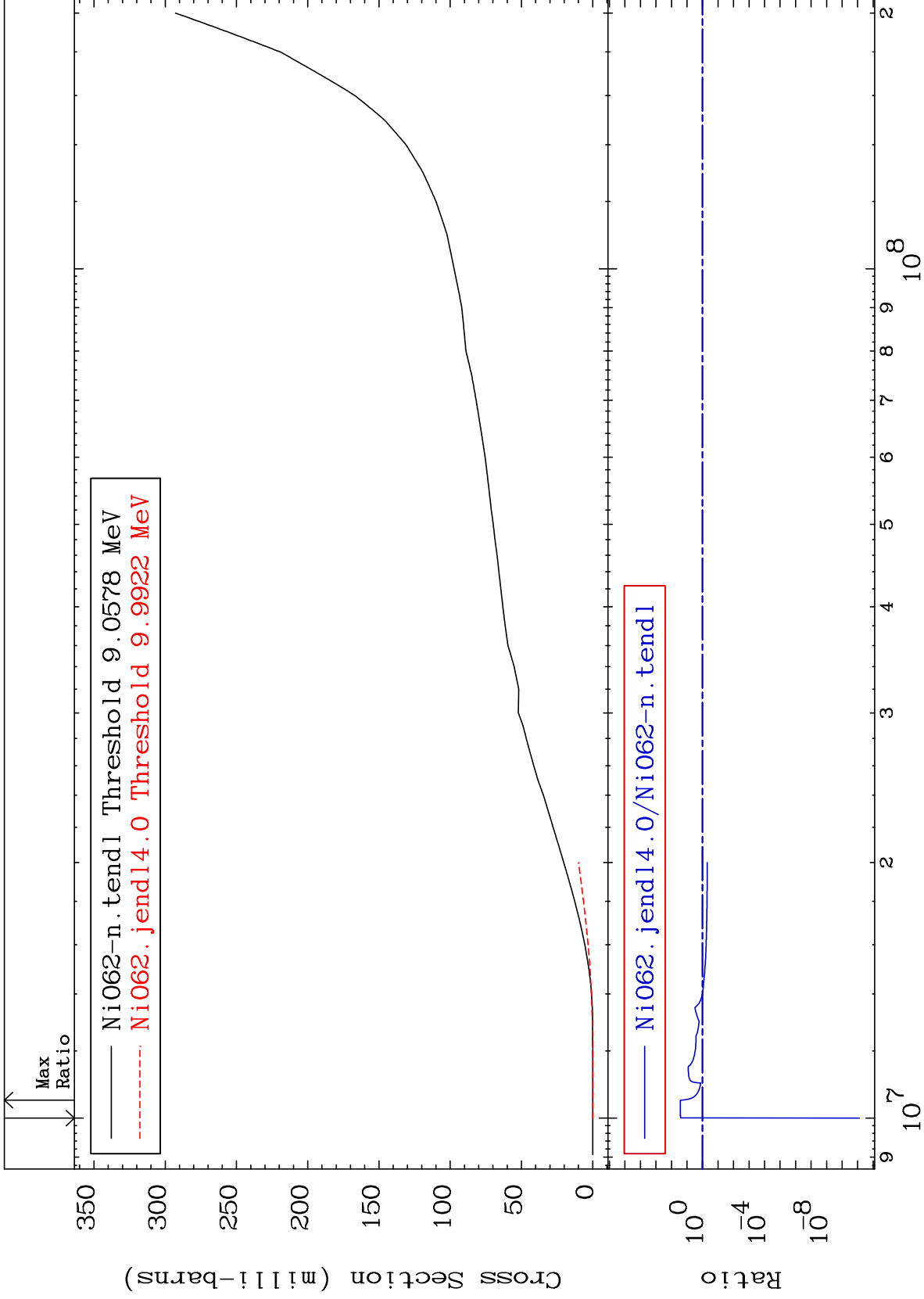




MAT 2837

Deuterium Production
Cross Section

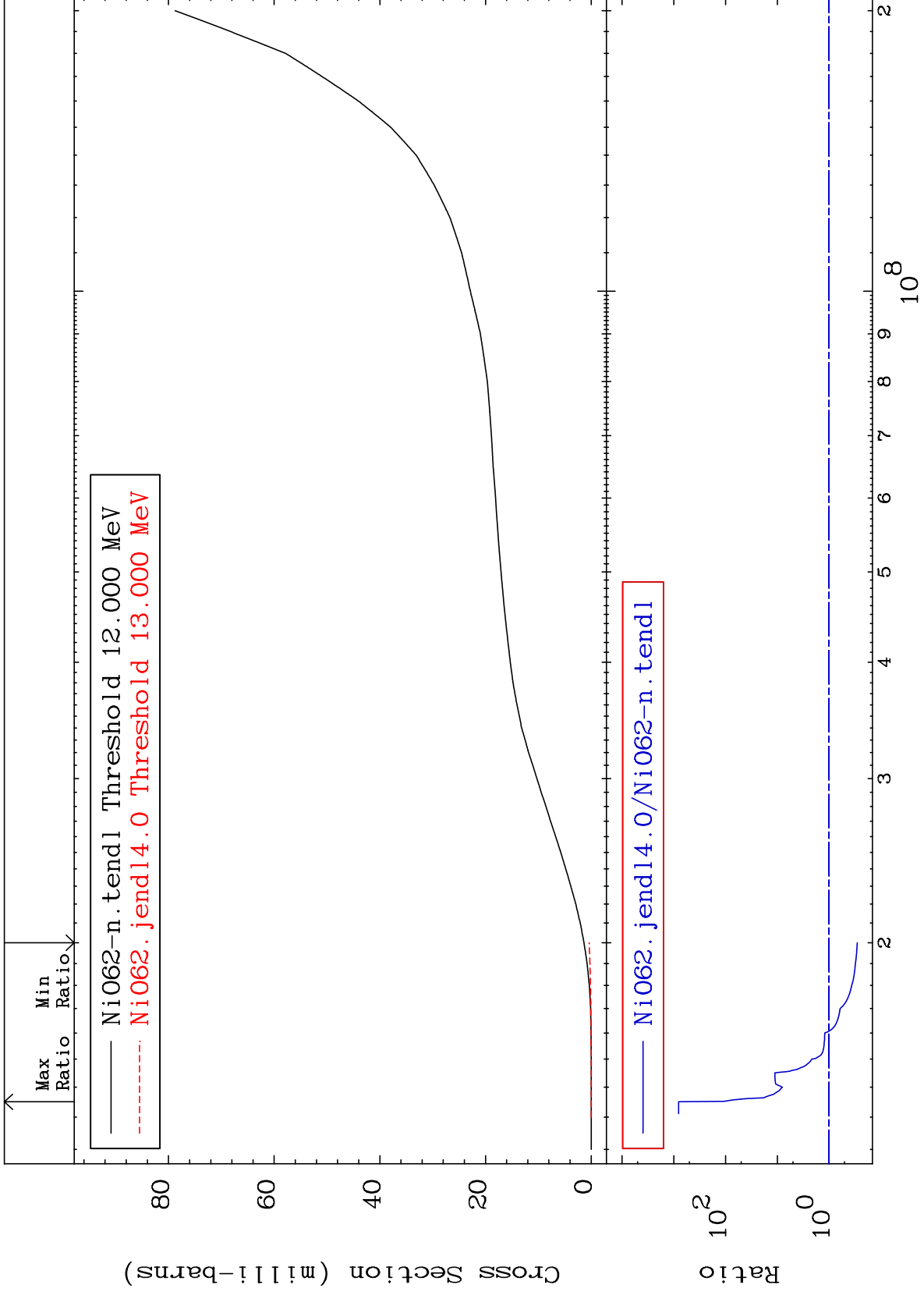
28-Ni-62
-100.0 To 2573. %

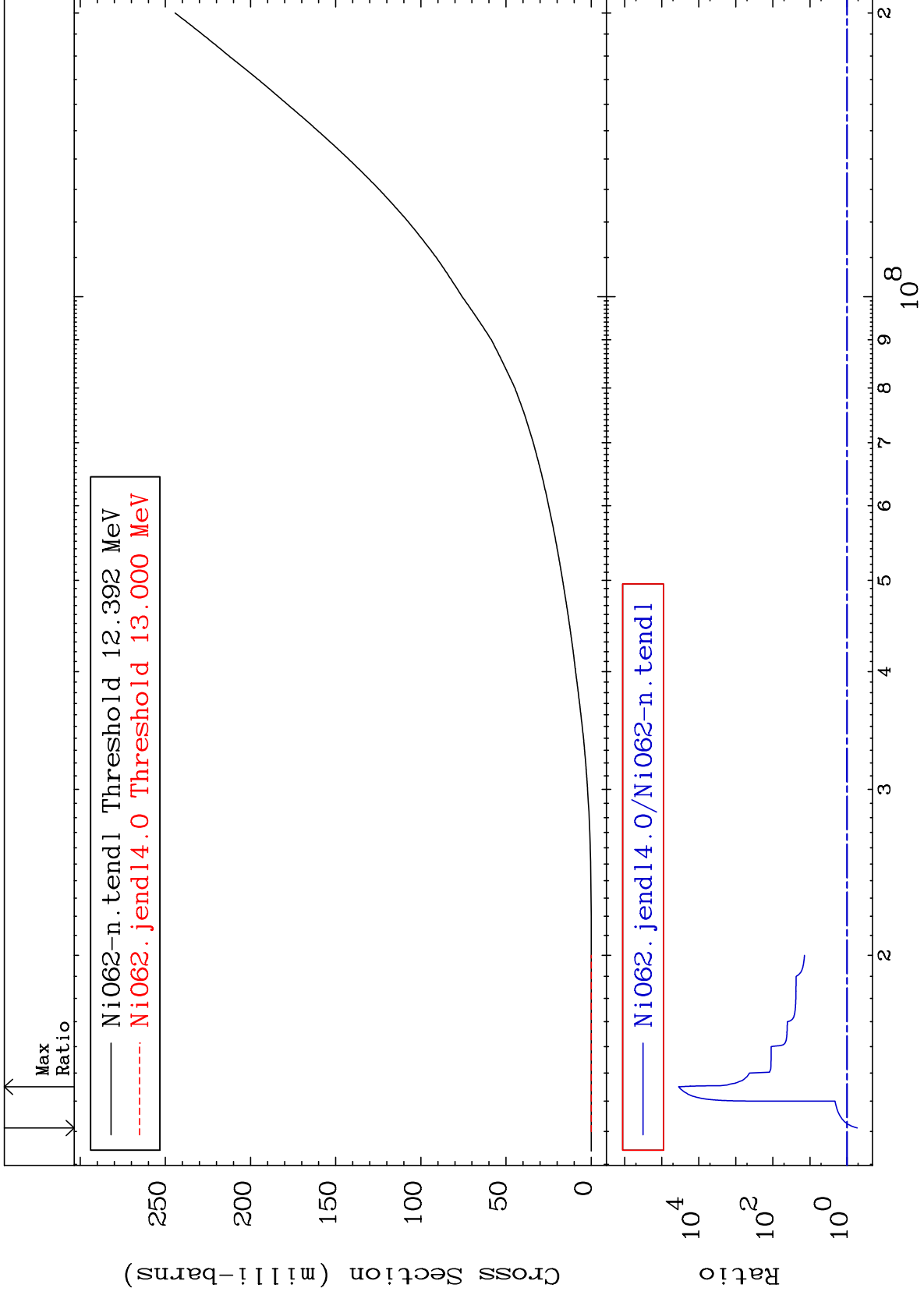


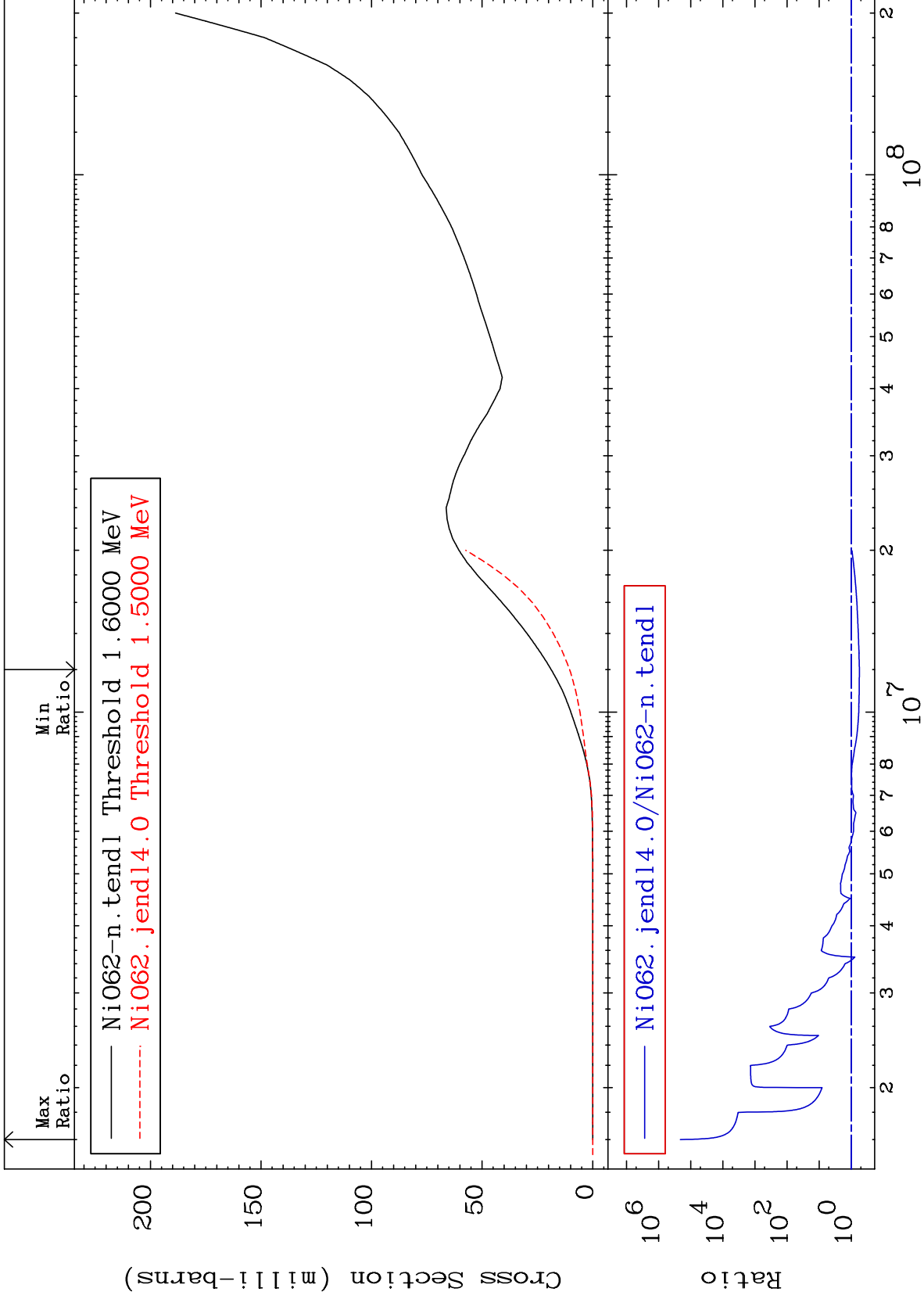
31

28-Ni-62

28-Ni-62



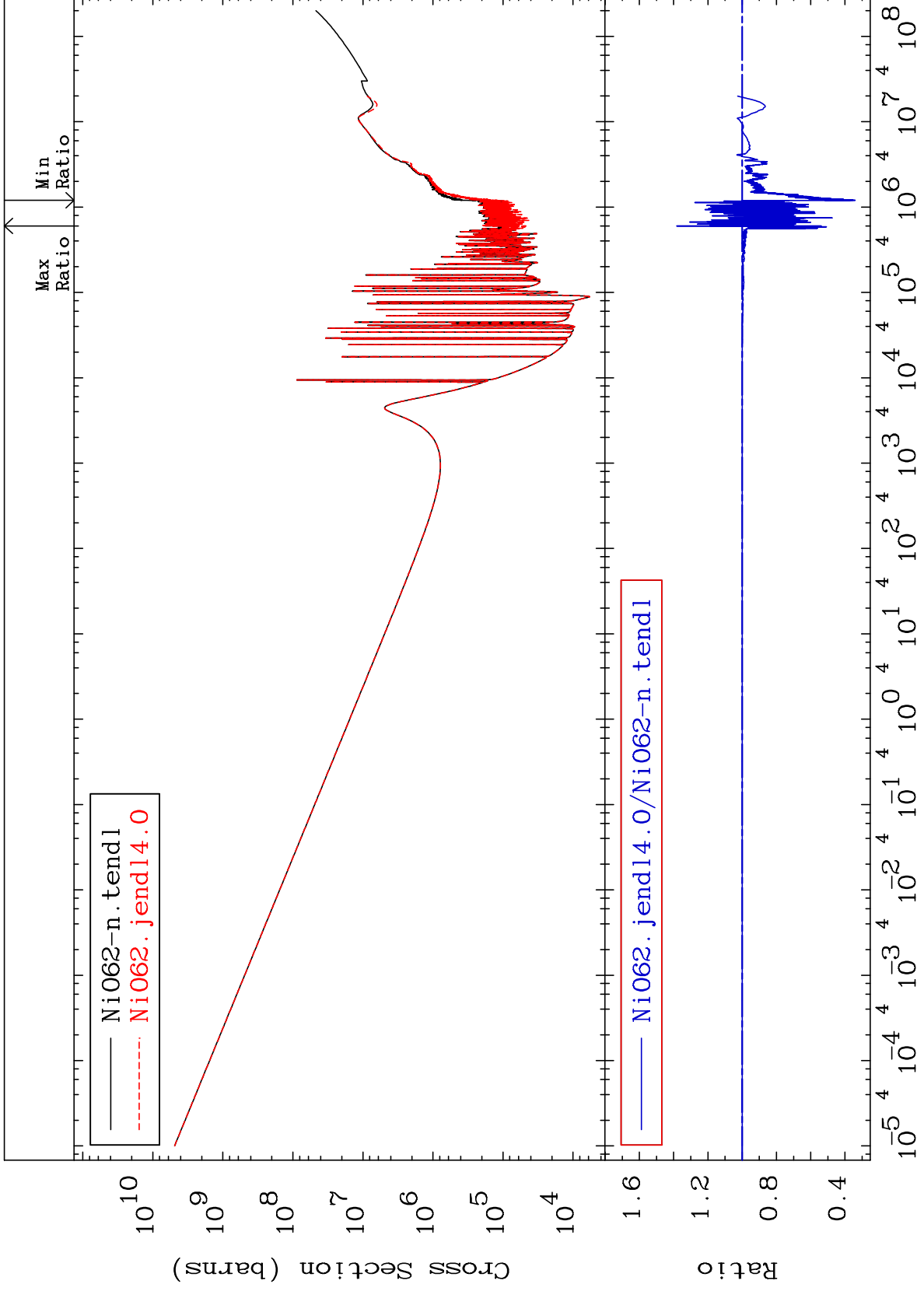




MAT 2837

Kerma total (eV-barns)
Cross Section

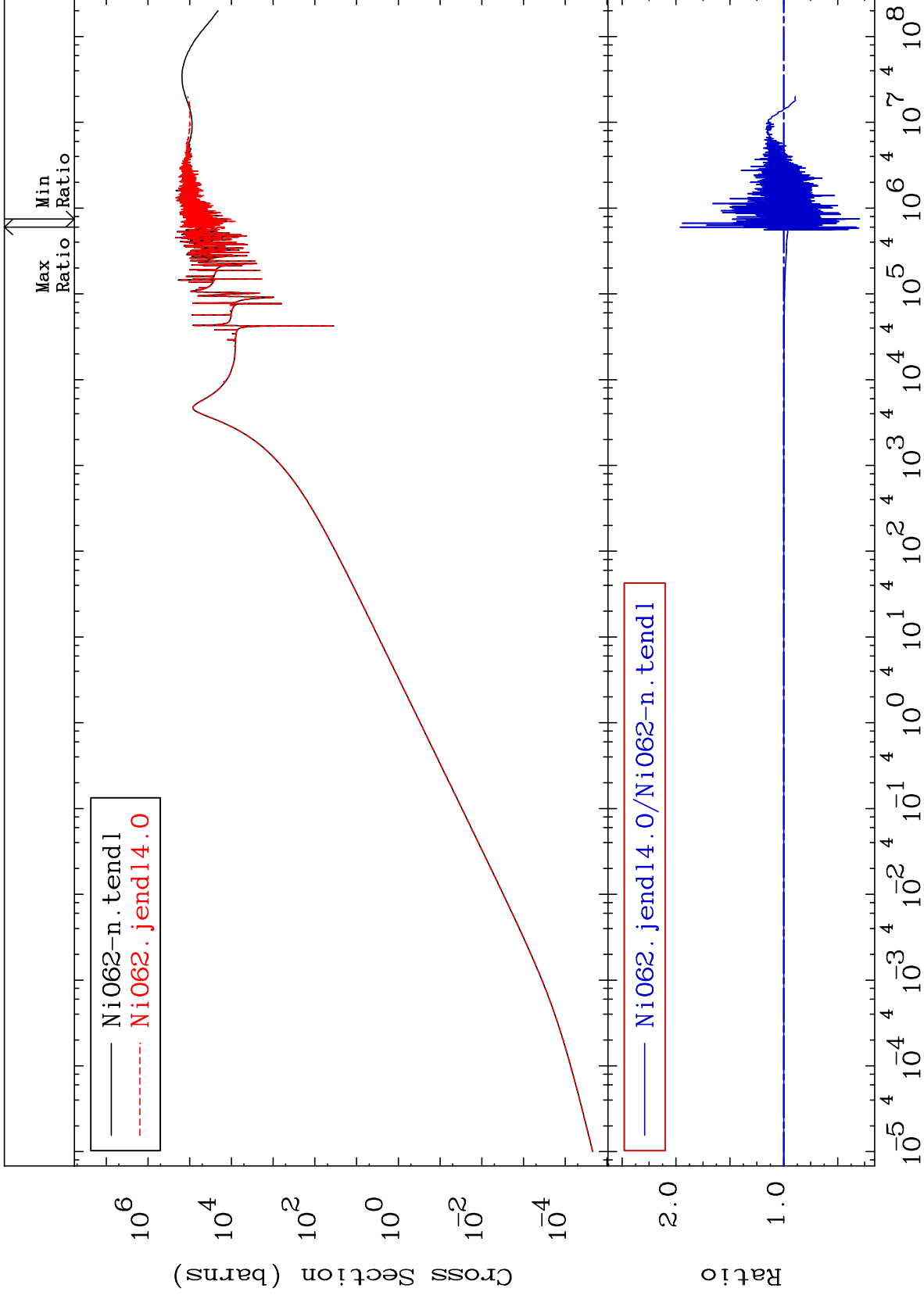
28-Ni-62
-65.90 To 38.10 %



MAT 2837

Kerma elastic
Cross Section

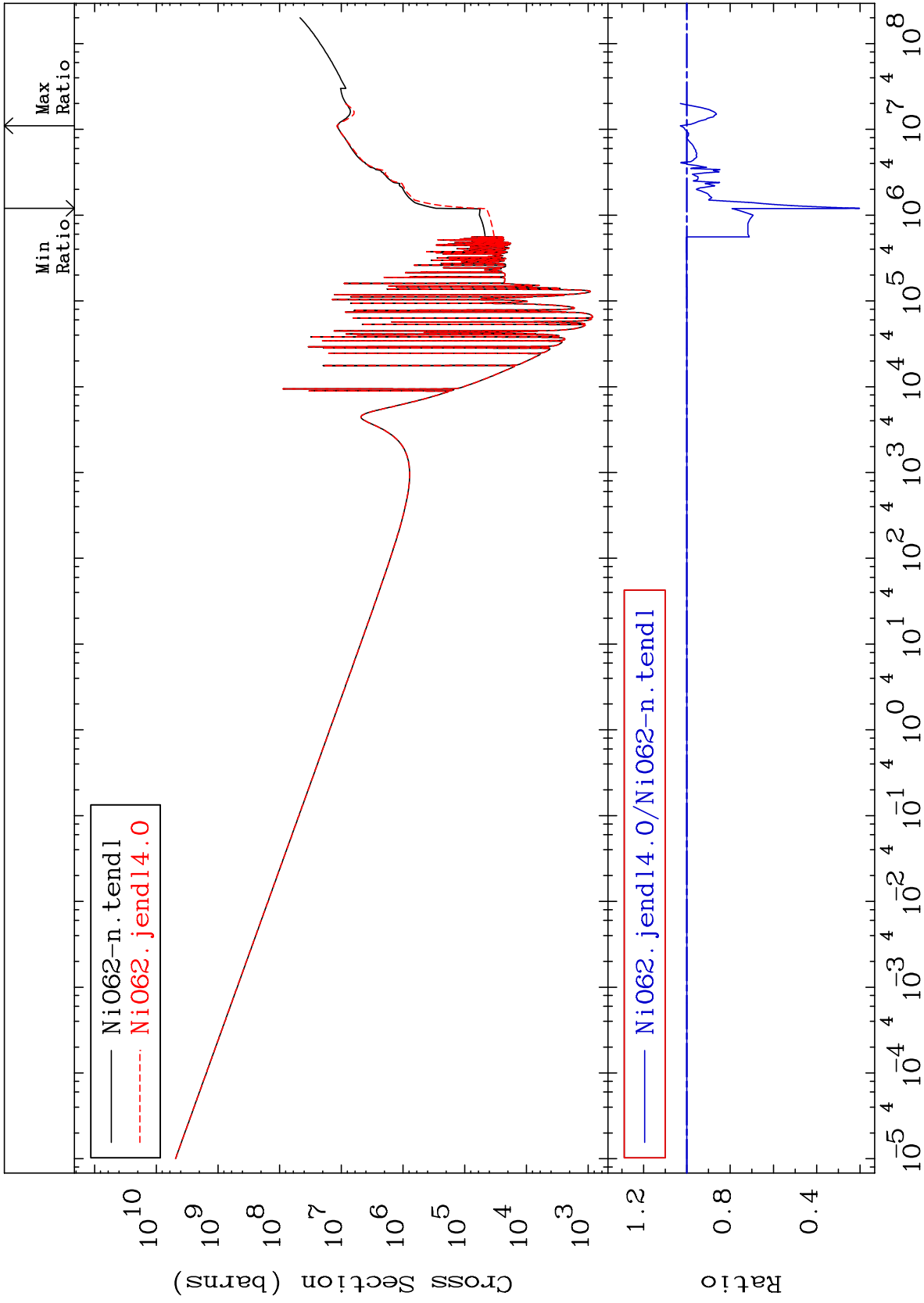
28-Ni-62
-70.21 To 95.98 %

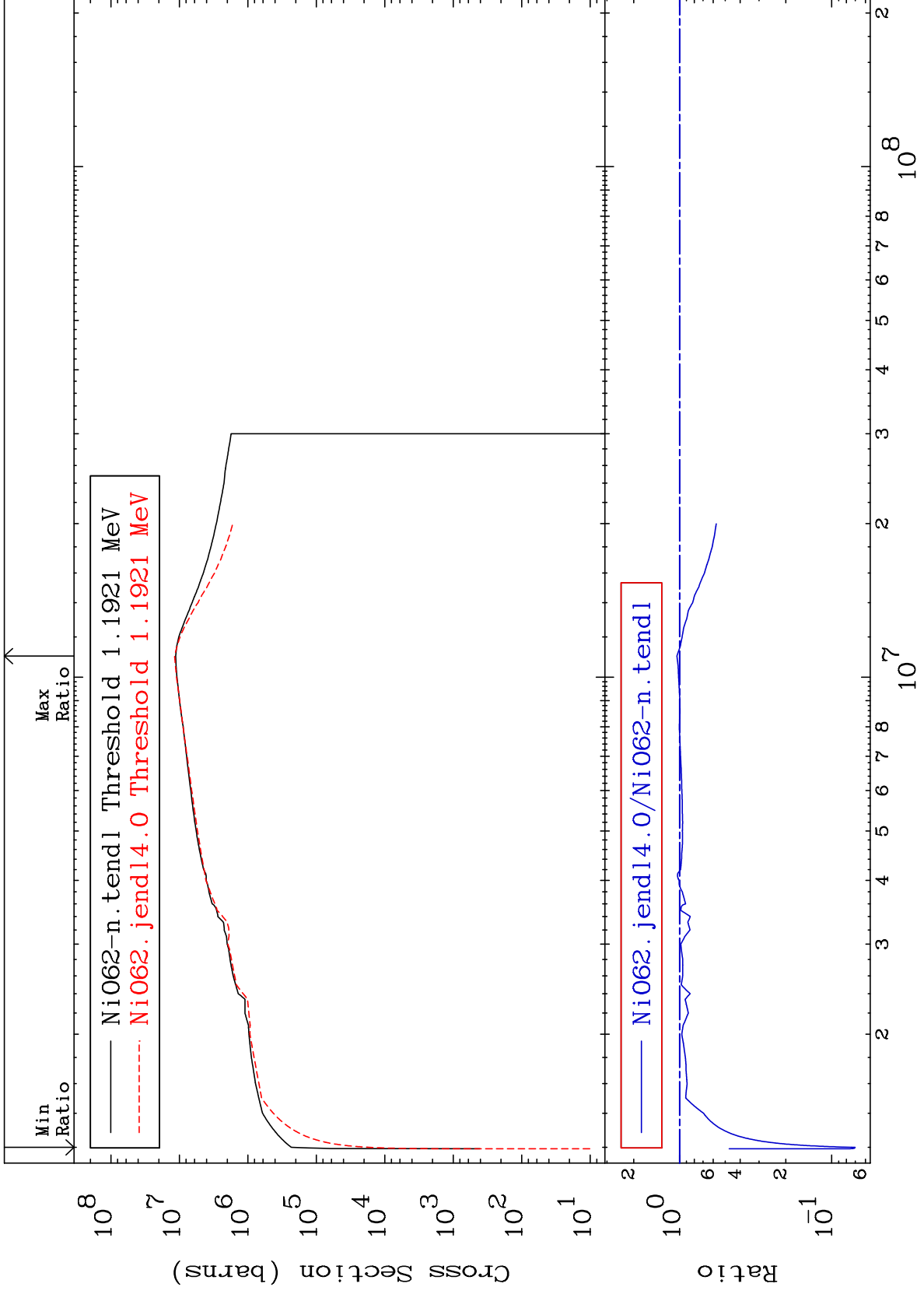


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Incident Energy (eV)

28-Ni-62

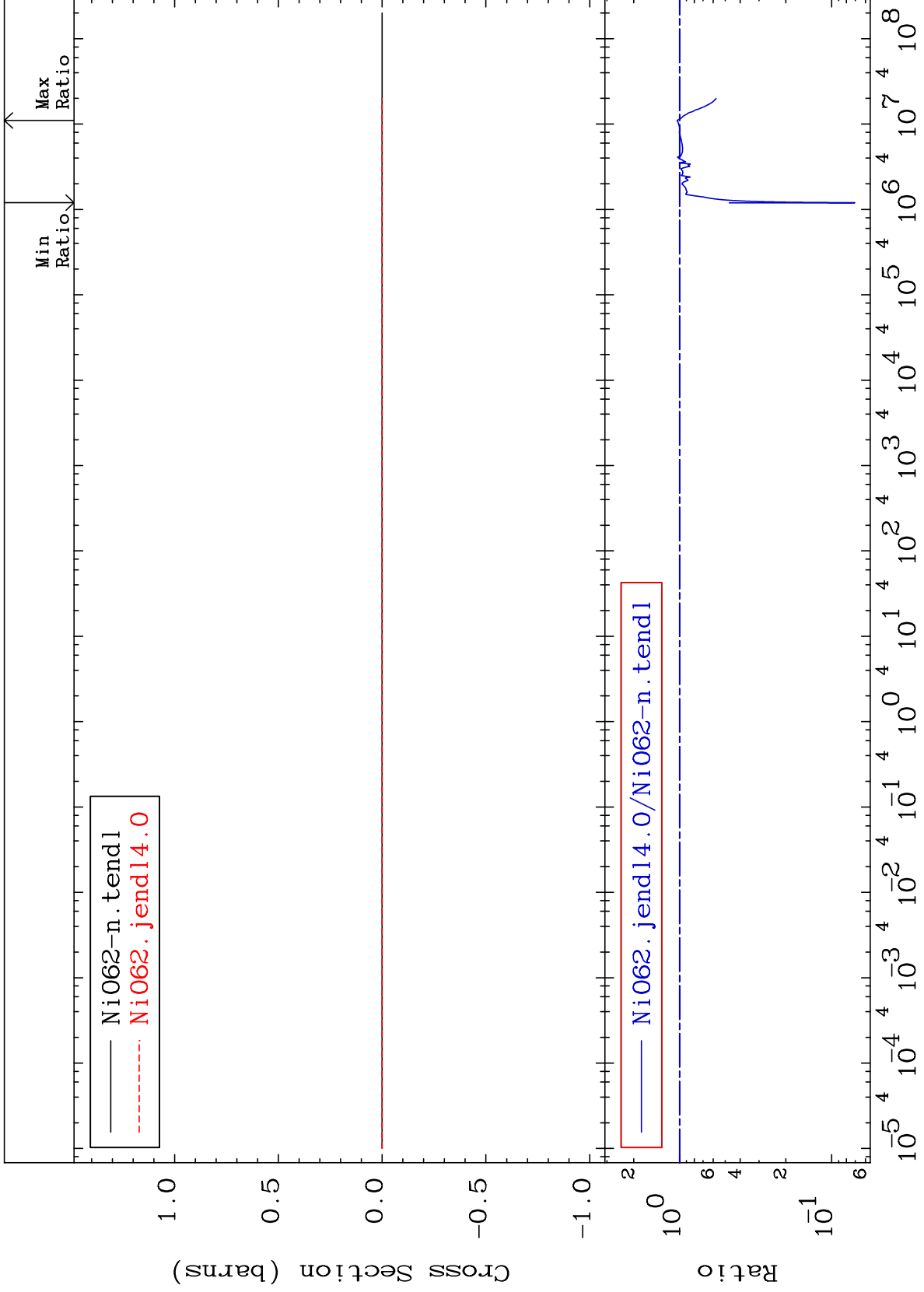




MAT 2837

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

28-Ni-62
-92.99 To 3.994 %



39

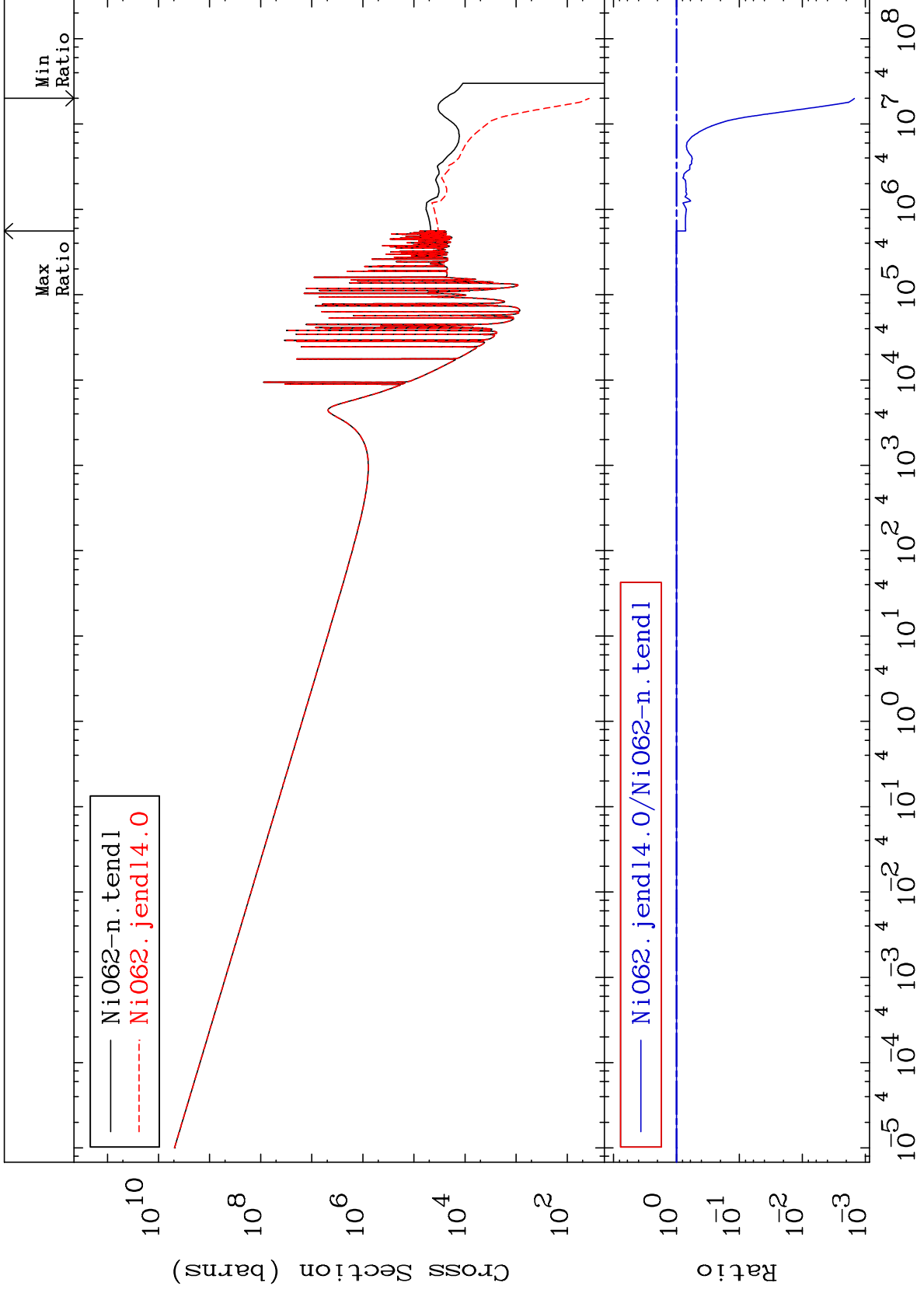
Incident Energy (eV)

28-Ni-62

MAT 2837

Kerma capture (mt102)
Cross Section

28-Ni-62
-99.85 To 0.247 %



Incident Energy (eV)

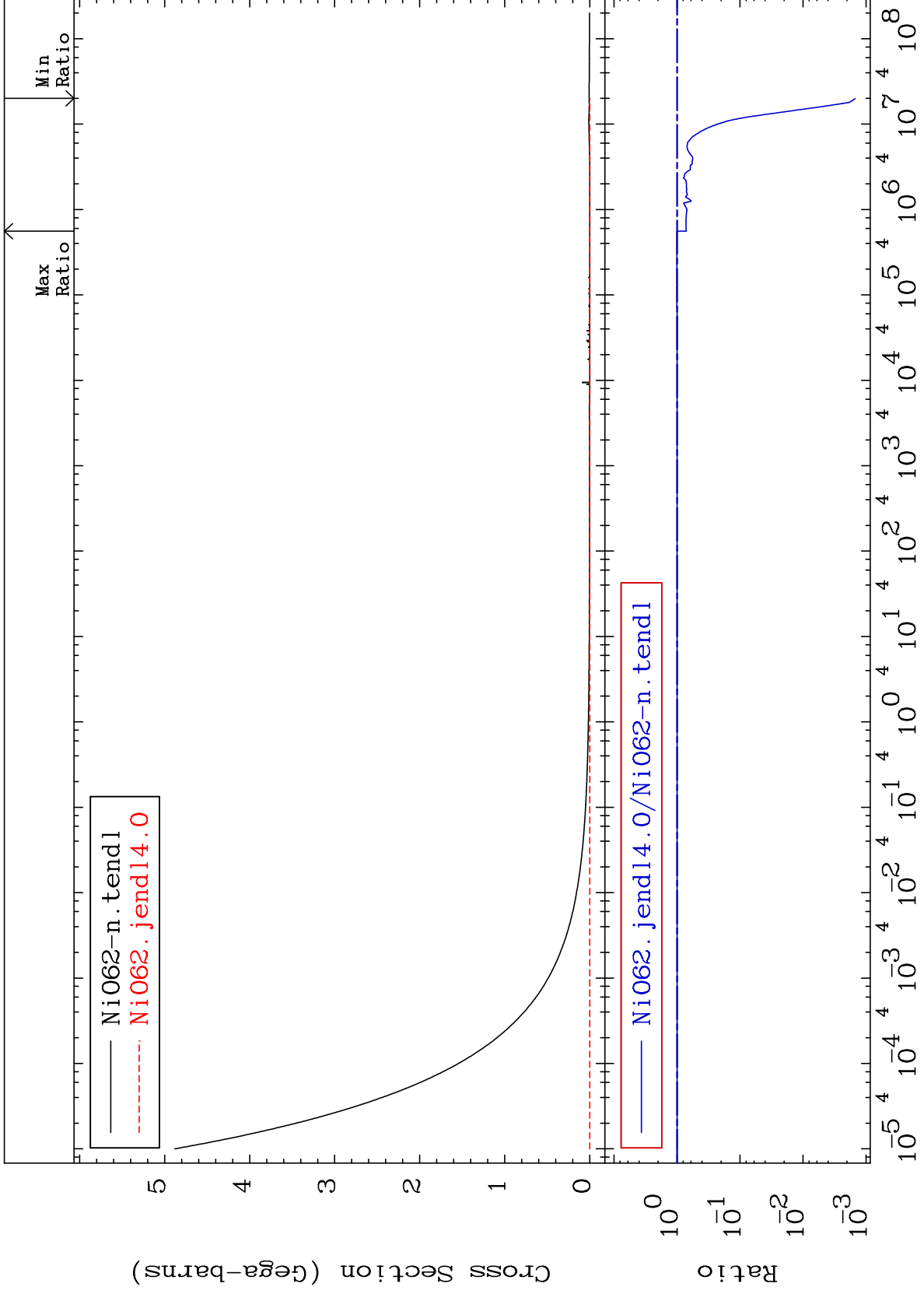
40

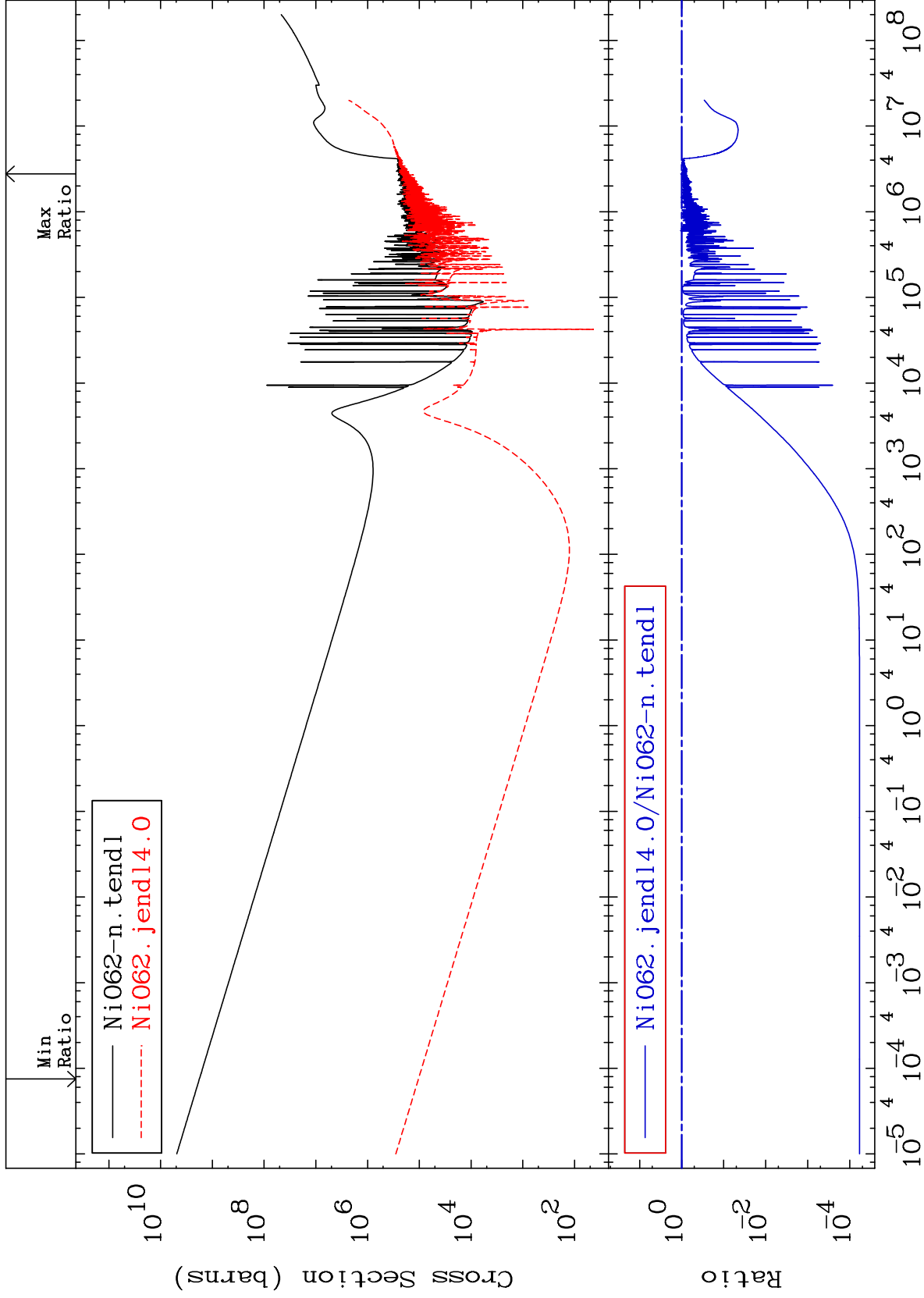
28-Ni-62

MAT 2837

Total photon (eV-barns)
Cross Section

28-Ni-62
-99.85 To 0.247 %





MAT 2837

Dpa total (eV-barns)
Cross Section

28-Ni-62
-70.04 To 758.4 %

